

Johnson  
Seed  
1908

# JOHNSON'S GARDEN AND FARM MANUAL 1908



## JOHNSON SEED COMPANY

217 MARKET ST.

206 CHURCH ST.

PHILADELPHIA, PA.

# Johnson Seed Co.

No. 217 Market St. & 206 Church St.  
Philadelphia, Pa.

## TO MY FRIENDS AND CUSTOMERS:

It gives me great pleasure to hand you once again "Johnson's Garden and Farm Manual," which you will recognize as an old friend.

You have already been advised regarding the dissolution by limitation of the old firm of Johnson & Stokes on July 1, 1906, also as to the formation and incorporation of the Johnson Seed Company for the purpose of giving an interest in the business to several of the trusted and deserving employees who had served the old firm faithfully for twenty years or more.

It was my conviction at the time of this establishment that I carried with me the confidence of my old friends and patrons, the critical and discriminating customers of Johnson & Stokes. The fact that last season I was favored with orders from a very large majority of these demonstrates that my belief was well founded. I take this opportunity to thank those who thus showed their confidence in me and to assure them that no effort will be spared that the Johnson Seed Company may continue to merit it.

The needs of the gardener have been my special study for thirty-five years. Constant care is the watchword which every responsible seed house must adopt. As was my custom, when at the head of the old firm of Johnson & Stokes, I have during the past year given to the growing of the Garden Seed Supply for Johnson Seed Company my personal supervision and care. The seeds may be absolutely relied upon to be STRICTLY TESTED AND PROVEN, FRESH AND TRUE TO NAME.

In our seed trial grounds I have tested large numbers of new varieties, which are offered from all over the world. Many of those tested have been discarded as being inferior or no better than varieties already listed, but I have found some of real merit, and these will be found offered in the pages of this book, particularly in pages 4 to 20.

Certain crops, especially Sweet Corn, Egg Plant, some of the Peas, Onions and Peppers, are extremely scarce this season. I am therefore advising all my patrons to send in their orders early, before stocks are depleted, thus saving themselves and me disappointment in not being able to obtain the varieties they desire.

I respectfully ask a careful perusal of this Catalogue, for which I claim no literary or artistic merit, but which is an honest, modest attempt to tell you about "THE BEST SEEDS THAT GROW AND THE VARIETIES IT PAYS TO GROW."

Hoping for a continuance of the favors afforded me last year, I am,

Very truly yours,

Philadelphia  
Pa.  
January 1  
1908

Herbert W. Johnson  
of the late firm of  
Johnson & Stokes

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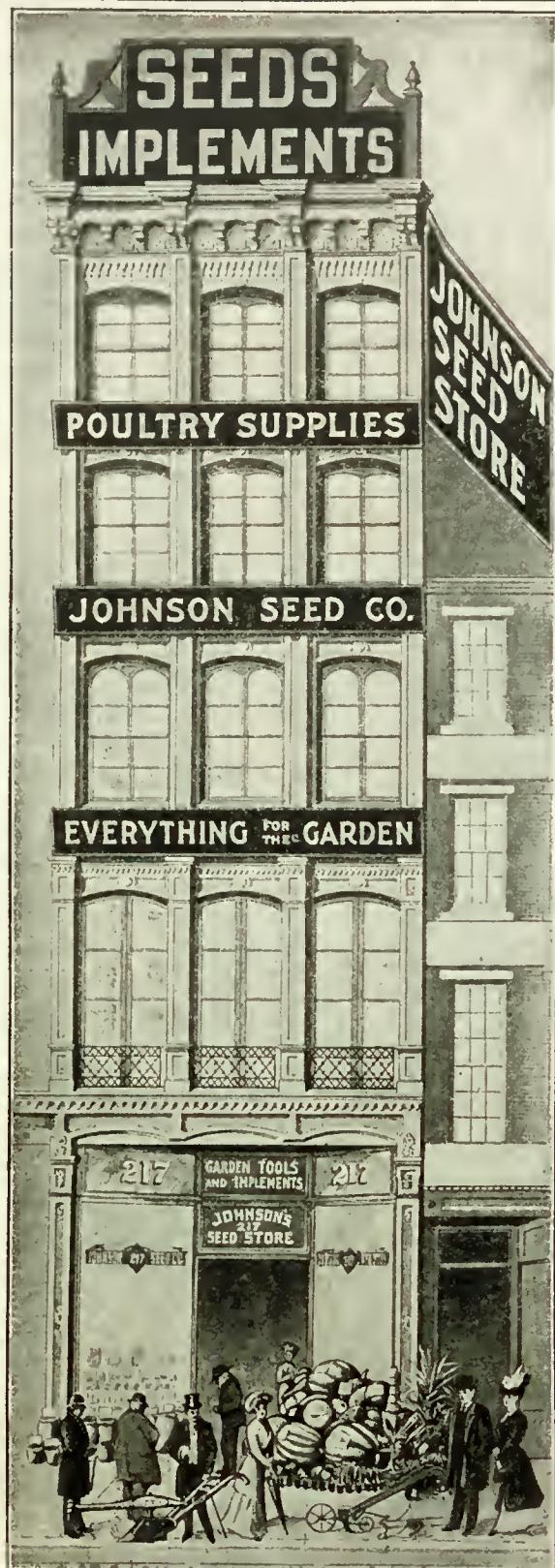
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OUR RETAIL STORE, 217 MARKET ST.

Located on the principal business street of Philadelphia, and extending through the block to No. 206 Church St. One of the most complete modern seed warehouses in America, fully equipped and up-to-date as to fixtures and other facilities, and with a thorough organization for the prompt and accurate execution of orders. When in town, call and inspect it. We shall be glad to see you at any time.

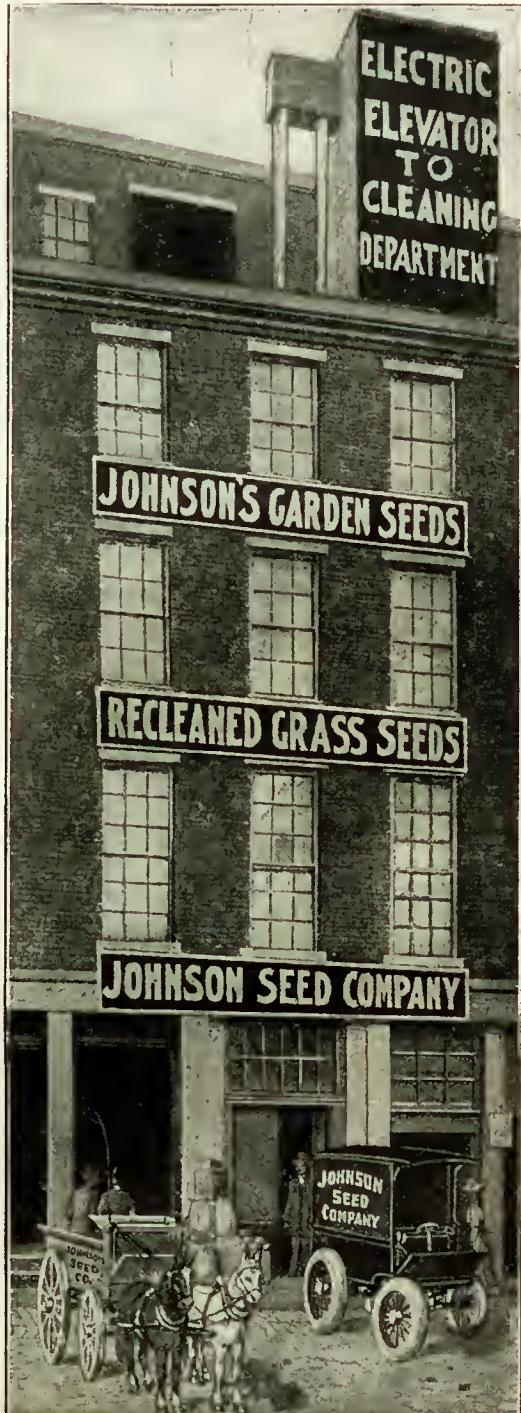
## A FEW "POINTERS"

In this GARDEN AND FARM MANUAL, we have, as is our custom, given strictly:

1. HONEST DESCRIPTIONS. Avoiding exaggeration, we tell simply the exact truth—just what we know from observation—about the varieties described.

2. HONEST ILLUSTRATIONS. Trusting entirely to photographic reproduction, our cuts can, in every particular, be relied upon to show you the exact results of planting "JOHNSON'S TESTED AND PROVEN SEEDS."

3. HONEST PRICES. As low as is consistent with first-class quality, without which no garden can be successful.



OUR CHURCH ST. STORE, No. 206

# Directions for Ordering Johnson's Tested Seeds

**ORDER EARLY.**—It will greatly facilitate shipments if orders are sent in **early**. We aim to send off all orders the same or next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering **early**.

**USE ORDER SHEET** opposite page 1, which can be easily detached from book at perforated line.

**REMIT AMOUNT WITH ORDER.**—Money can be sent safely by post-office money order, express money order, bank draft or check. We will hold ourselves responsible for money sent in this way.

**CASH.**—Notes, silver or postage stamps (two-cent stamps preferred) may also be sent at our risk and expense by registering your letter; registration fee (8 cents) may be deducted from amount sent on orders of \$1.00 and over.



Photograph of Interior of our Retail Store, 217 Market Street.

## WE DELIVER, FREE BY MAIL, ANYWHERE IN THE UNITED STATES

all vegetable and flower seeds offered in this catalogue by the packet, ounce, quarter pound and pound. Customers ordering these seeds by the pound, to be sent by freight or express, may deduct postage at the rate of 10 cents per pound, except where noted. When sent in this way, the purchaser pays the freight or express charges on receipt of seed. Purchaser pays express and freight charges also on pecks, bushels and barrels, and on Farm Seeds, Implements, Poultry Supplies, etc.

Section of Our Trial Grounds, Testing European Novelties.



Section of Our Trial Grounds, Testing European Novelties.

### Large-Sized Packets

Customers frequently write us that our packets contain twice as much seed as those obtained from other houses; yet, notwithstanding our **extraordinary liberal premiums** on seeds in packets and ounces, as given below, we shall still continue to put up, with our standard gauges, the same **liberal-sized packets**.

Cultural Directions are printed on all packets of vegetable and flower seeds.

### THE MOST LIBERAL PREMIUMS EVER OFFERED

50 CENTS WORTH OF SEEDS EXTRA ALLOWED FOR EACH ONE DOLLAR SENT US FOR SEEDS IN PACKETS

**\$1.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$15.00**

**\$2.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$3.00**

**\$5.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$7.50**

25 CENTS WORTH OF SEEDS EXTRA ALLOWED FOR EACH ONE DOLLAR SENT US FOR SEEDS BY THE OUNCE

**\$1.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$1.25**

**\$2.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$2.50**

**\$5.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$6.25**

**\$10.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$12.50**

**PLEASE  
NOTE**

The above liberal premiums apply **only to orders for flower and vegetable seeds in packets or ounces**, and do not include seeds by weight ( $\frac{1}{4}$  lb. and over) or measure (pints, quarts, etc.), or collections, or bulbs and plants; nor can it be applied to orders sent at different times during the season.

## Novelties and Specialties in Vegetables

The successful gardener, before ordering his supply of seeds, makes a careful study of one or more reliable seed catalogues, having probably learned that there are two classes of seedsmen.

One class offer each year, in bewildering numbers, novelties from the four quarters of the globe, which they claim are destined to eclipse all similar varieties heretofore known. Such catalogues the gardener must regard humorously if he considers them at all.

There is another class of seedsmen who are constantly on the lookout for something of value. They keep closely in touch with experts in this and in foreign countries. New varieties, when proven to be of distinct merit, are promptly included in their lists, after thorough trials. Such trials we make each season at Cedarcroft Trial Grounds, and the results of recent careful investigations will be found in the succeeding pages.

### NEW FORDHOOK BUSH LIMA BEAN



A plant of FORDHOOK BUSH LIMA—from a photograph.

The only stiffly erect Bush form of the Potato Lima! Both pods and beans are twice the size of Dreer's and more than half again as large as the Challenger Pole Lima.

FORDHOOK BUSH LIMA is altogether unique. Nothing like it has ever been seen before! It was created by Nature as a single sport in a field of the Challenger Pole Lima in 1903. Until now the *Kumerle* or Dreer's Bush Lima has been the only dwarf form of the fat "Potato Lima."

An objection to this, however, is found in the prostrate growth of the plant, the pods frequently becoming discolored from being beaten to the ground by wind or rain.

**FORDHOOK BUSH LIMA** is positively upright in growth. The strong erect bushes withstand both whipping rains and high winds. The main stalk is stiffly erect, from two to two and one-half feet high, and from this is thrown out a great number of lateral branches, closely resembling *Burpee's Bush Lima* in this habit of growth. The foliage is much heavier than Dreer's; the leaf is broader, resembling that of a large Pole Lima, of heavy texture and dark green in color, while the pods are borne along stalks thrown out from the lateral and main stalks in "clusters" of from four to eight. The pods resemble Dreer's, but are much larger, measuring from four to five and one-half inches long, one and one-eighth to one and a quarter inches wide, *by as much as three-quarters of an inch thick*.

**FORDHOOK BUSH LIMA** is fully twenty-five to thirty-three and one-third per cent. a heavier cropper. Both the green and the dried beans, as compared with Dreer's, are truly enormous, being *more than double the size*. On one bush we counted fifty-two pods, the majority containing four beans, while a great number contained five. In a selected plant of Dreer's there were not nearly so many well-formed pods, while a number contained only two small beans. The flavor of the green beans is all that can be desired in this chubby or potato lima type, which is given such preference on the New York markets. Being more productive, and of upright growth, with larger, handsomer pods and from four to six days earlier, it is bound to entirely displace the *Kumerle* (Dreer's or Thorburn) Bush Lima.

**Seed—ORIGINATOR'S STOCK**—Per pkt., 15c.; 2 pkts., 25c.;  $\frac{1}{4}$  pint, 40c.;  $\frac{1}{2}$  pint, 75c.; pint, \$1.25, by mail, postpaid.

**See Our Liberal Offer on these Wonderful Beans on Opposite Page**

# The "Burpee Improved" Bush Lima

This is also an entirely "New Creation." The pods are truly enormous in size, borne abundantly and well filled with handsome beans, which are both larger and thicker than those of the popular Burpee's Bush Lima

Like the **Fordhook Bush Lima**, one plant of this was discovered also in 1903, as a sport in a field of *Challenger Pole Lima*.

It differs from the best strains of *Burpee's Bush Lima* in having uniformly much larger pods, producing more beans, while both pods and beans are not only larger in size, but also considerably thicker. The growth is even more vigorous, with heavier foliage. The plants are uniformly upright. Full-grown bushes measure thirty inches in height and twenty-four inches across the top. The blossom-bearing stalks are thrown well out from the foliage, and the pods are frequently borne in what might be called "clusters" of from five to eight. We counted two "clusters," of which one had nine and the other ten large, perfect pods, containing from four to eight beans to the pod.

## The "Burpee Improved"

produces magnificent crops of pods, which measure from five to six inches long by one and one-quarter inches wide. As compared with *Burpee's Bush Lima*, both pods and beans are *very much larger*, while the beans, either green or dry, are *nearly twice as thick*. The green beans measured in the field of **The Burpee Improved** were one and one-quarter inches long by seven-eighths of an inch wide and three-eighths of an inch thick, while *the best* that could be found in neighboring fields of *Burpee's Bush Lima* were one and one-eighth inches long, eleven-sixteenths of an inch wide and one-quarter of an inch thick. The beans are of the same delicious flavor as those of *Burpee's Bush Lima* or the *Large Lima Pole Bean*, while they are ready to use six to eight days earlier.

## The "Burpee Improved" Bush

**Lima** will outyield *Burpee's Bush Lima* by fully one-third. This greater yield is due to the increased size of both pod and beans. The dried beans are very handsome, and generally show a greenish-white coloring, while dried beans of the *Burpee Bush Lima*, like those of the *Large Pole Lima*, are pure white.

### Seed, Originator's Stock

Per pkt., 15c.; two pkts. for 25c.;  $\frac{1}{4}$  pint, 40c.;  $\frac{1}{2}$  pint, 75c.; per pint, \$1.25, by mail, postpaid.

To induce you to try these two grand, new Limas—*Fordhook Bush* and "*Burpee Improved*" *Bush*—we will send 1 pkt. each for 25c.;  $\frac{1}{4}$  pint

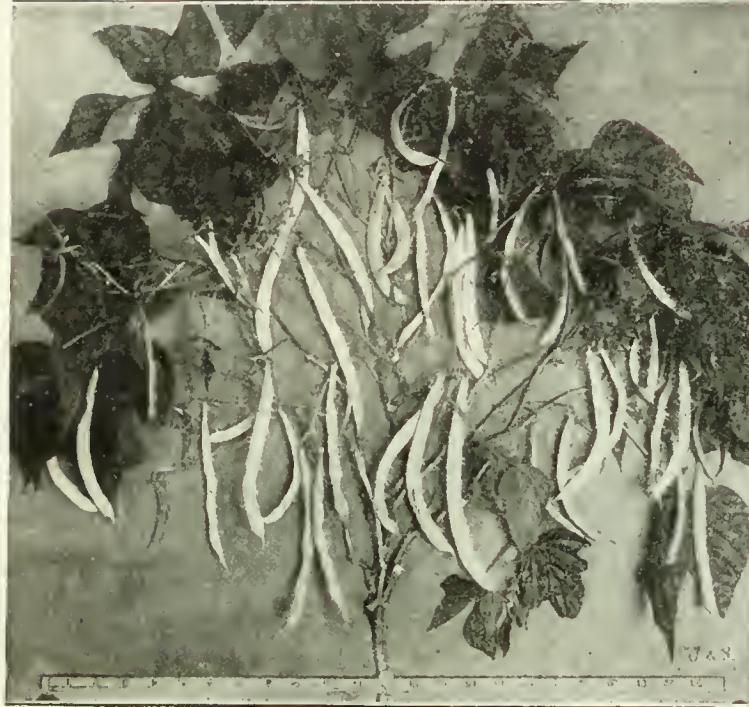
each for 75c.;  $\frac{1}{2}$  pint each for \$1.25.



Pods, natural size, of  
The New "Burpee Improved" Bush Lima

# THE NEW HODSON BEANS

## WAX AND GREEN-POD



NEW HODSON WAX BUSH BEAN.

The Hodson Wax Bean pods are long, handsome, brittle and tender. If picked when they should be, are entirely stringless. A boon to the market gardener and trucker on account of great vigor and productivity, freedom from blight and rust, and fine table qualities. (See photograph showing handsome appearance and remarkable productiveness.) Price, pkt., 10c.; pint, 25c.; quart, 40c.; postpaid; by express, qt., 25c.; peck, \$1.50; bush., \$5.50.

The Hodson Green-Pod. A strong, robust grower, unaffected by rust or blight, an enormous yielder, often producing 50 to 60 pods to the plant, and notwithstanding adverse weather conditions to a remarkable degree. It comes to maturity a little later than Refugee, hence does not compete with the earlier green-podded sorts. The table quality is first-class, and if picked young the pods are entirely stringless. An excellent shipper; it is fine for market. Pkt., 10c.; pint, 25c.; quart, 40c., postpaid; by express, qt., 25c.; peck, \$1.35; bush., \$5.00.

### NEW ROUND POD KIDNEY WAX

This valuable bean has rapidly grown in popularity with market gardeners. It is the first round-podded Wax Bean we have ever found possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express, qt., 30c.; peck, \$1.60; bush., \$6.00.

### NEW EARLY LEVIATHAN LIMA BEAN

One week earlier than any other Pole Lima. Of superior quality. Immense size. Wonderfully productive

This new variety is at least one week earlier than any large Pole Lima yet offered and two weeks earlier than most varieties. Earliness often means the sacrifice of other valuable features, but in this variety the good features of the later sorts are retained. It is wonderfully productive, the pods and beans immense and the flavor delicious. Price, pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express, qt., 30c.; 4 qts., \$1.00; peck, \$1.85; bush., \$6.50.

### PEDRICK'S LARGE CLUSTER POLE LIMA

A grand new Pole Lima originating in New Jersey. The large, well-filled pods hang in handsome clusters of twelve or thirteen pods. The beans are large, meaty, deep green in color, and will average five or six to a pod. The vine is remarkably productive, a basket having been picked from only four poles. Should find a place in every garden. Price, pkt., 10c.; pint, 35c.; qt., 60c., postpaid; by freight or express, qt., 45c.; 4 qts., \$1.60; peck, \$2.50.

### GRAND NEW ENGLISH BEET "WITHAM FIREBALL"

Introduced by expert English growers, this is a new and quite distinct extra early turnip-rooted beet of the finest table qualities. The flesh is solid, crisp and sweet, brilliant fiery red, much more intense than Eclipse. In form it is a perfect globe with smooth skin, a tiny tap root and very slender leaf stalks. It is specially adapted for early frame work, but can be sown with equal success in the open ground. As early as the earliest strains of the old Egyptian, and conserves its good qualities for a much longer time. Seed very scarce. Price, pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

### NEW VARIETIES FOR 1909 FREE FOR TRIAL

We have a number of distinct novelties not yet catalogued by any seedsmen, and which we propose to introduce in 1909, and shall be glad to include one or more packets in orders over \$1.00, where an interest in new varieties is indicated.

#### SURPASSED HIS EXPECTATIONS

BENJAMIN T. PRESTON, Cortland, N. Y., August 23, 1907, writes: "Your garden seed surpassed all our expectations, and we realize that our profits this season were due to the superior seeds obtained from your house."

# A VALUABLE NEW CABBAGE JOHNSON'S EVER-READY

See colored illustration from nature on back of this book

Distributed by Johnson Seed Company last year as Nameless  
Seed now offered for sale for the first time

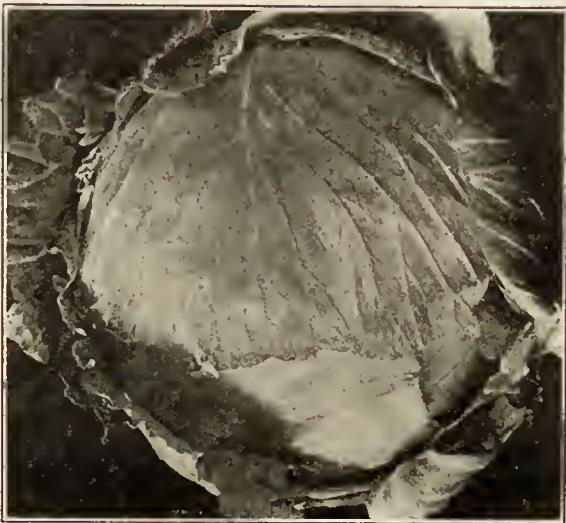
Last season we were fortunate enough to secure from one of the largest cabbage seed growers of Long Island a small supply of seed of a new cabbage successfully grown by him for several years, but to which he had never given a name. We did not place it on sale, but sent out sample packages for trial, offering \$100.00 in cash prizes for the best name suggested. These names were submitted to a committee, who decided that JOHNSON'S EVER-READY was the best name sent in, with ten other names as the next best. Checks aggregating \$100 have been sent as follows:

#### FIFTY DOLLARS FOR THE BEST NAME TO

JOSEPH H. PARKIN, Wood's Cross, Utah.  
FRANK COX, Springdale, W. Va.  
J. E. SWARTWOOD, Sciota, Pa.

#### FIVE DOLLARS EACH FOR THE TEN NEXT BEST TO

J. W. HUMPHREYS, Chadd's Ford, Pa.  
WARRON H. JOHNSON, Cedarville, N. J.  
HENRY GROSANOR, Fort Wayne, Indiana.  
A. J. BARTON, Cuyahoga Falls, Ohio.  
HON. THOS. M. FERRELL, Glassboro, N. J.  
G. P. BALDWIN, Cimarron, New Mexico.  
F. M. BATES, Fairhaven, Mass.  
W. B. ELLIS, Vineland, N. J.  
ENOCH BABB, Herbst, Indiana.  
THOMAS E. ROBERTSON, Lakewood, New Jersey.



NEW CABBAGE, "JOHNSON'S EVER-READY."  
Pkt., 20c.; oz., 60c.; 1/4 lb., \$1.75.

We unhesitatingly pronounce this to be one of the **handsomest, hardest heading and most uniform of all cabbages.** In a field of 4 acres, not a single plant showed the slightest variation from its true and valuable type, every one forming a large, solid, white head, weighing from 16 to 18 lbs. each and of the finest quality.

MR. JOSEPH H. PARKIN, a prominent market gardener of Wood's Cross, Utah, in a letter addressed to us, Aug. 20, 1907, writes as follows:—"The name for the 'New Nameless Cabbage' I think should be 'Johnson's Ever-Ready' for the following reasons: Planted at the same time with Market Gardeners' No. 2 side by side, I cut from it my first cabbage. It grew solid from the start, and on this account is *ready for the table any time after it is as large as a door-knob, and to the man selling by weight it has the advantage in being so solid.* It is a worm-resister, but two heads showing any sign of worms, while every head of another variety, only two feet away, was badly eaten." Price: Pkt., 20c.; oz., 60c.; 1-4 lb., \$1.75.

#### A Few Extracts from Hundreds of Letters Received

##### GAINED FIRST PRIZE

J. W. HUMPHREYS, Chadd's Ford, Pa., September 7, 1907, writes: "At our State Fair this week I put on exhibition three heads of your new cabbage, Johnson's Ever Ready. I got first prize for them; also receiving a special premium for same."

##### COULD HAVE HANDLED A CARLOAD

W. M. T. MERRIL, Rising Sun, Md., August 25, 1907, writes: "From a small packet of your new cabbage seed, Johnson's Ever-Ready, I raised 50 large heads, the largest weighed 20 lbs., the smallest 11 lbs. 8 ozs. Sold all of them; could have handled a carload."

##### A THRIFTY GROWER

S. R. LIVINGSTON, Worthington, Ind., August 24, 1907, writes: "I am delighted with your new cabbage, Johnson's Ever-Ready. It is a thrifty grower, making fine large heads, weighing from 5 to 15 lbs. each. I have two single plants that measure four feet eight inches each from tip to tip."

##### EVERY PLANT HEADED

MISS ELSIE SMITH, Anna, Ills., August 14, 1907, writes: "Every plant of Johnson's Ever-Ready Cabbage, transplanted, headed, producing fine heads, giants in size."

##### FINEST IN QUALITY

ROB'T E. OWENS, Hanover, Md., August 7, 1907, writes: "I planted this new cabbage, Johnson's Ever-Ready, on

medium soil, and find it the greatest grower and finest in quality of any I ever raised."

##### HANDSOME HEADS

J. W. HAMLIN, Hillsdale, Mich., August 20, 1907, writes: "I set out 400 plants of your new cabbage, Johnson's Ever-Ready, and have 39 of the handsomest heads you ever saw."

##### NONE BETTER

H. J. SUMERS, Zanesville, Ohio, August 15, 1907, writes: "I have been gardening for over 30 years, and have never had as good an all-around cabbage as Johnson's Ever-Ready and I have bought seeds from all the principal seedsmen in the United States."

##### WONDER OF ALL

C. E. MORTON, Beltsville, Md., August 19, 1907, writes: "Your new cabbage, Johnson's Ever-Ready, is the finest we have ever grown; it is the wonder of all our friends; such large, showy, solid heads surprise every one."

##### STANDS THE DROUGHT

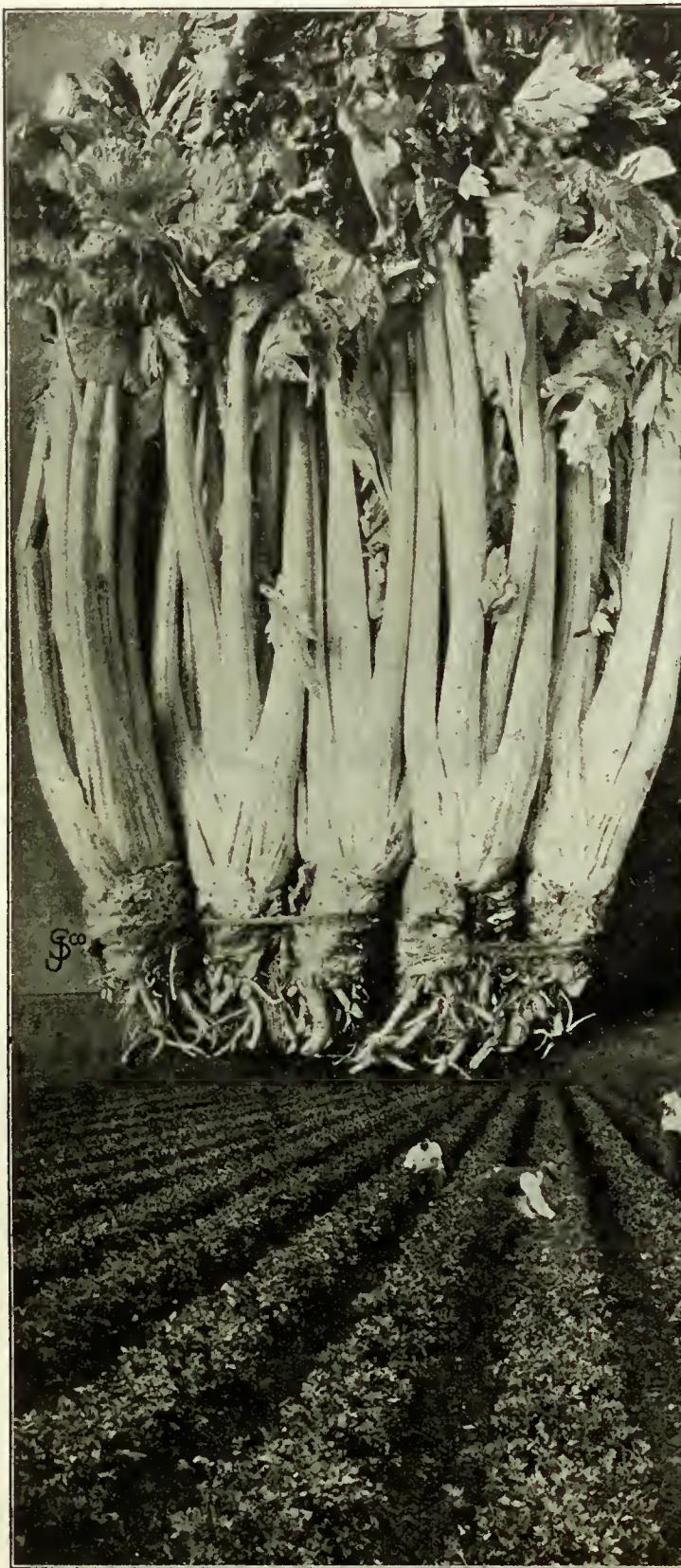
W. A. BURGESS, Pawling, N. Y., August 19, 1907, writes: "Your new cabbage, Johnson's Ever-Ready, is standing the drought better than any cabbage I have on the place."

##### JUST THE CABBAGE

G. W. POTTS, Stokes, Tenn., June 4, 1907, writes: "Your new cabbage, Johnson's Ever-Ready, is just the cabbage for general crop."

# Paris Golden Self-Blanching Celery

Johnson's XXX Strain



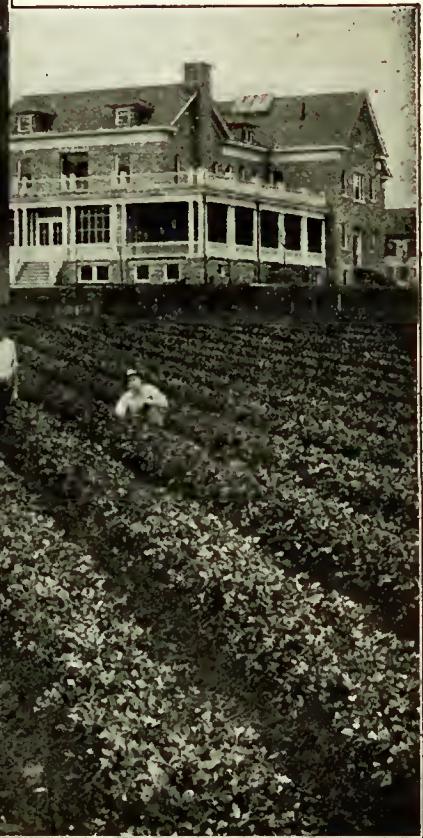
This most valuable of all celeries, for either the amateur or market gardener, is grown and selected for us by the originator in France. It is remarkably early, entirely self-blanching, with large, beautiful golden yellow heart, very crisp, solid and nutty. A fact that speaks for itself is that we received large orders for the seed last season from some of the largest celery growers in the United States; men who make celery practically their only crop, and who therefore can afford to take no chances. Send to "Johnson's" and be sure of the French-grown original Paris self-blanching seed.

Price, pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; 1 lb., \$3.75.

## Myers' Quick Growing White Plume Celery

Selected and improved by Myers & Bowman, the well-known Philadelphia market gardeners. Unquestionably the earliest celery known, being ready for market 10 days to 2 weeks earlier than any other strain. It differs from the old White Plume in size and habit, somewhat resembling the Paris Golden Self-Blanching, throwing out from 8 to 12 hearts. Leaves are very light in color and entirely free from green celery. Handsome in appearance, it always sells well in the markets.

Price, per pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; 1 lb., \$2.75.



Paris Golden Self-Blanching Celery, Johnson's XXX Strain. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; 1 lb., \$3.75.



Photograph of average specimens of JOHNSON'S NORTHMOUNT EGG PLANTS.

## Johnson's Northmount Egg Plant

### An Earlier Improved Black Beauty

This fine new variety is the result of selection of the very earliest and finest fruits of the celebrated "Black Beauty." It is, beyond question, the **earliest and hardest of all Large Smooth Purple Egg Plants.** While the fruits are not always quite as large as Black Beauty, it ripens fully ten days earlier and is suited to more northern climates. One of the faults of the old sorts was that they matured so late that in northern latitudes the entire crop could not be gathered before frost set in and destroyed them. With the introduction of Johnson's Northmount, this danger is past, owing to its great earliness.

The plants branch freely near the ground and grow in well-rounded bushes. The fruits are thick, of most attractive shape (as shown in illustration), and in color a lustrous purplish black. This coloring is uniform over the whole fruit, and does not fade at the blossom end, as do so many of the older varieties. It is valuable alike to the private planter and the extensive grower for market. We have received hundreds of letters testifying to the merits of this valuable Egg Plant, and give below extracts from a few of them. Prices, per pkt., 15c.; 2 pkts., 25c.;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.75; 4 ozs., \$5.50.

### Seeds that Grow and a List of Varieties it Pays to Grow

#### JOHNSON'S NORTHMOUNT EGG PLANT

A. B. LEIGH, Great Meadows, N. J., September 18, 1907, writes: "Your Northmount Egg Plant is decidedly the best variety I ever raised. Vines just loaded with the fruit, some weighing as much as 4 lbs. each."

#### JOHNSON'S NORTHMOUNT EGG PLANT

E. H. BLANGERO, Topeka, Kansas, September 21, 1907, writes: "Your Northmount Egg Plant was the finest and earliest I ever raised. I sold them for \$1.50 per dozen. They were three weeks ahead of any others."

#### JOHNSON'S NORTHMOUNT EGG PLANT

J. G. GRAHAM, Anthony, Fla., September 19, 1907, writes: "I have grown your Northmount Egg Plant and am greatly pleased I did so. They are early, prolific, good size and in quality all that can be desired."

#### JOHNSON'S PEDIGREE ONION SEED

A. S. CHRISTENSEN, Dodge Center, Minn., August 26, 1907, writes: "Last spring I purchased onion seed from several of the leading seedsmen; those I got from you proved by far the best of any. I enclose a photo of a field planted with your seed, that will speak better than I can describe on paper. Notice the even stand, the fine growth of tops and other good points. I grow onions for shipping, so good seed means much to me."

#### JOHNSON'S HIGH-GRADE CABBAGE SEED

MRS. JULIA A. SCARBOROUGH, Mt. Gilead, N. C., March 7, 1907, writes: "I find your seeds are the best that I have ever used. I have had cabbage from your Market Gardeners'

No. 2 to weigh from 12 to 14 lbs., and your Earliest Cabbage has the largest heads I ever saw for early cabbage. I will recommend your seeds whenever I can."

#### JOHNSON'S QUICK CASH CABBAGE

J. B. MARCAN, Gladwin, Mich., September 23, 1907, writes: "Your Quick Cash Cabbage is wonderful. Flourished in spite of bad conditions, when other cabbage, owing to the cold spring, failed."

#### JOHNSON'S MARKET GARDENERS' NO. 2 CABBAGE

QUINT C. STEPHENS, Lebanon, Mo., July 12, 1907, writes: "I tried your Market Gardeners' No. 2 Cabbage this summer for the first time and found it one of the finest and one of the best selling cabbages that I have ever raised."

#### WINTER QUEEN CELERY

JOHN ROBINSON, Fairport, N. Y., writes: "I grow celery largely for market and have found your Winter Queen by far the best long keeping winter celery I ever raised—a great boon to market gardeners."

#### JOHNSON'S ALABASTER CAULIFLOWER

P. DILTY, Sand Brook, N. J., writes: "Early Alabaster is the earliest, handsomest, easiest to grow and surest heading cauliflower I have ever seen."

#### LANIER'S SUPERBA BEET

C. J. BECKLER, Turnersville, N. J., writes: "Lanier's Superba Beet is the finest and handsomest of all beets; tender and very sweet. I will plant no other in future."

# Holyrood Hot-Weather Lettuce.

## HANDSOME, TENDER, HEAT-RESISTING



HOLYROOD HOT-WEATHER LETTUCE. (From a photograph.)

Henderson's Long Seasons a variety which will stand without running to seed and remain in an edible condition even in hot weather, so that this most delicious of "boiling greens" may now be enjoyed in summer as well as during cooler months. It forms a dense rosette of thick, tender and succulent, crumpled leaves of intensely dark green color, which retain their freshness for a long period after cutting. It should be sown in the spring, and at monthly intervals for a successional summer supply. Price, pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c., postpaid; by express or freight, lb., 35c.; 10 lbs., \$2.50.

## ABOUT HOLYROOD HOT-WEATHER LETTUCE

We give below a few extracts from the many letters we have received, sounding the praises of this new addition to our list of fine lettuces:

### BEST SUMMER HEADER

ERWIN CHURCH, Ellsworth, Mich., writes: "Your New Lettuce is the best summer heading lettuce that I have ever seen, standing extreme heat better than any known variety."

### GREAT HEAT-RESISTER

ROBT. LITTLE, Chipola, La., writes: "I had great success with your New Lettuce; it makes the largest, finest, crispest heads and is the greatest heat-resister I have ever raised."

### THE BEST HE EVER RAISED

J. I. CLEVELAND, Fall River, Mass., October 1, 1907, writes: "We had here the driest season I remember, yet your New Holyrood Lettuce flourished and proved to be the best I ever raised."

### CANNOT PRAISE IT TOO MUCH

MRS. JOS. A. GABER, North River, Pa., September 17, 1907, writes: "Holyrood Lettuce, planted last spring, grew fine and stood the heat better than any I have raised. I cannot praise it too much."

### DOES NOT RUN TO SEED

S. FORSTER, Hartford, Conn., September 23, 1907, writes: "Your Holyrood makes a fine large head, which withstands the heat and dryness better than any lettuce I ever planted. Out of 9000 heads only ten went to seed."

### BEST ALL ROUND LETTUCE

L. P. MEHRHEN, Albany, Indiana, September 18, 1907, writes: "Your Holyrood Lettuce stood the hot weather fine; it was the best all around lettuce I have ever grown."

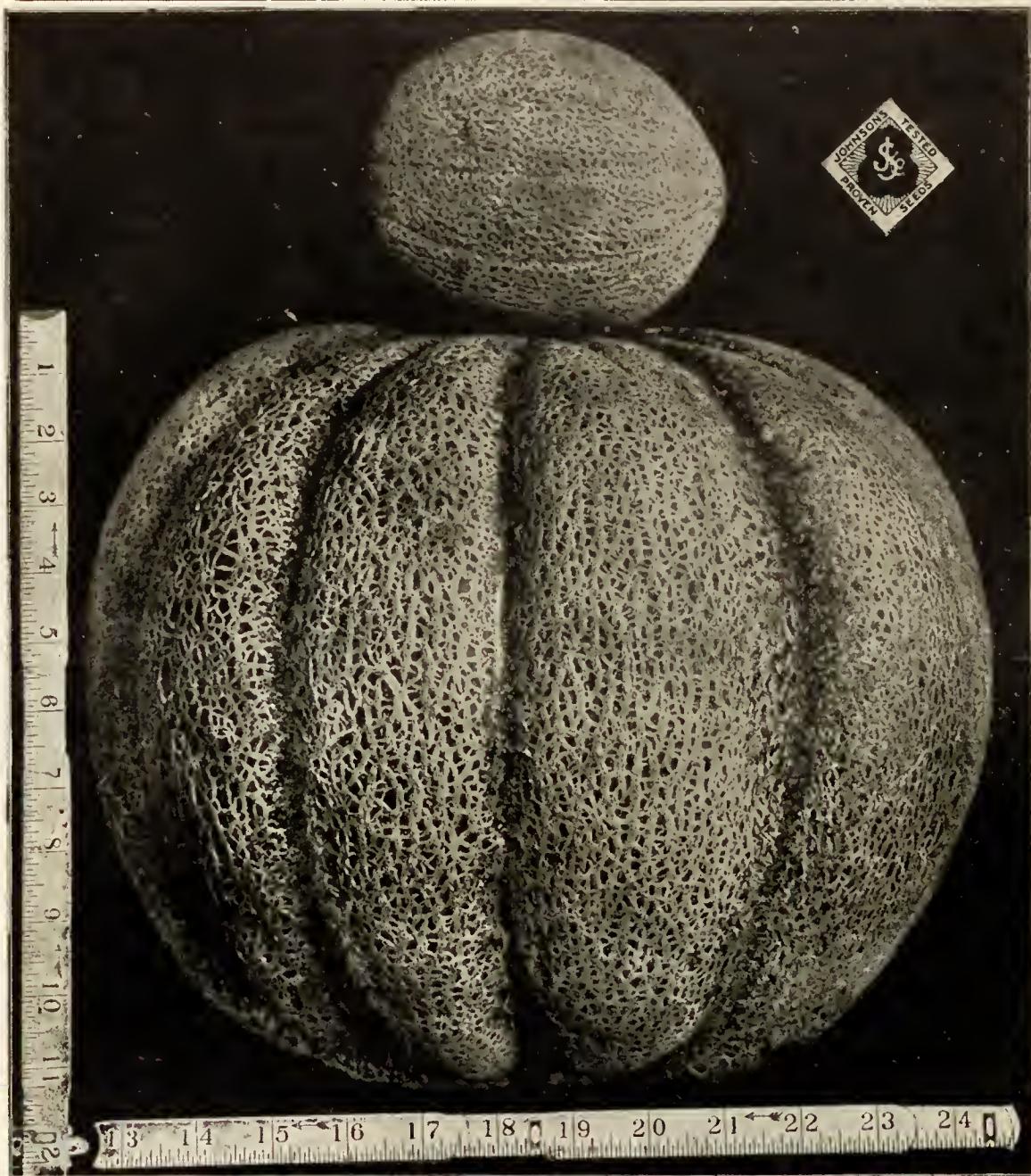
### ALL WE CLAIM FOR IT

JAMES R. SAYWELL, Brooklyn Heights, Ohio, July 21, 1907, writes: "I find your Holyrood Hot-Weather Lettuce all you claim for it."

### GOOD FOR FORCING AND OUT OF DOORS

R. BRODIE, Montreal, Canada, September 30, 1907, writes: "Your New Lettuce, the Holyrood, is fine, tender and crisp, very good for forcing as well as outdoor cultivation."

If interested in **POULTRY**, send for Special Catalogue, full of up-to-date suggestions. We are the **SOLE PHILADELPHIA AGENTS** for the world-famous Cyphers Incubators, Brooders and Supplies. See pages 87 to 89 of this catalogue.



Photograph of an OUTREMONT BEAUTY MELON, with an ordinary ROCKY FORD MELON placed on top for contrast, also two-foot rule at bottom and side.

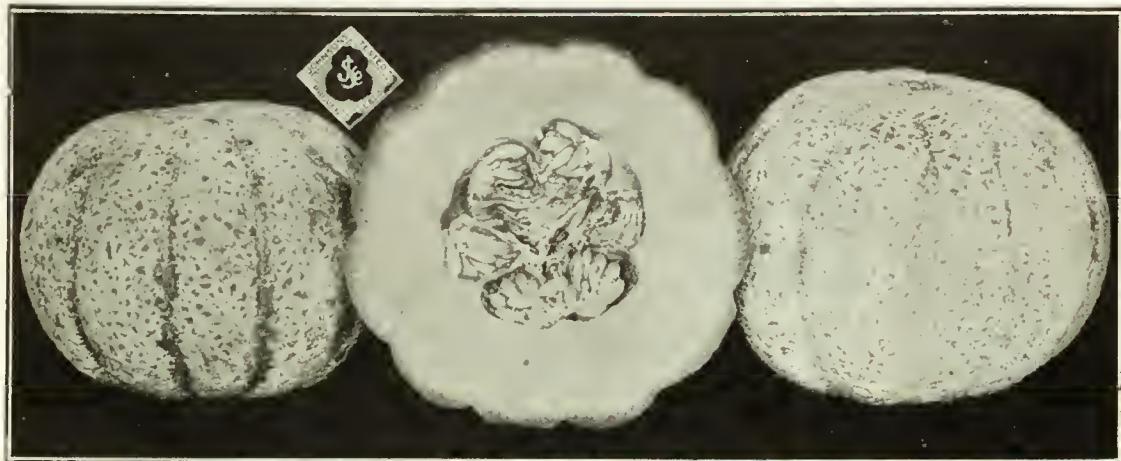
## Outremont Beauty

The Largest and Finest of All  
Muskmelons

Our 1907 Garden and Farm Manual tells of the discovery of this wonderful melon last season, and how, at a fabulous price, we purchased from its originator a few pounds only of the seed. This supply, although so limited, was distributed all over the United States, and the reports from those who grew it fully justify its introduction and prove it to be all that we then claimed for it. **OUTREMONT BEAUTY** never fails to attract attention on account of its magnificent size and handsome appearance. New Jersey and Colorado grown cantaloupes seem like pygmies in comparison, and single specimens sell readily at from \$1.00 to \$2.00 each. It is a heavy yielder, the vines being literally loaded with melons weighing **from 15 to 25 pounds each**, which are excellent shippers owing to their densely netted skin. The flesh is very thick (the seed cavity being very small) and delicious in flavor. If you are a market gardener, you cannot afford not to try "**OUTREMONT BEAUTY MUSKMELON.**" **SEED GROWN FROM ORIGINAL STOCK.** Price, pkt., 15c; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

GEORGE W. RIDGWAY, Barnegat, N. J., September 23, 1907, writes of "**OUTREMONT BEAUTY:**" "Notwithstanding the very unfavorable season, your Outremont Beauty did finely. The melons are sweet and very large; some of them weighed from ten to twelve pounds each."

W. R. WALKER, Enoree, S. C., September 27, 1907, writes: "Your **OUTREMONT BEAUTY MELONS** are all O. K., large size and of very fine flavor."



NEW MUSKMELON FOR 1908—BURPEE'S "FORDHOOK"—from a photograph.

## Burpee's New "Fordhook" Muskmelon

A Red-Fleshed Jenny Lind

Fully equals Emerald Gem in delicious flavor. Rough-netted skin, solid, thick salmon flesh, better shipper than Rocky Ford

Seed Now Offered for the First Time

This grand new melon is a cross between "Emerald Gem" and the "Improved Jenny Lind," resembling the latter in form and fully as delicious as the former. Roughly netted, the skin showing between the netting being emerald green, while the very solid thick flesh is of an attractive deep salmon color and surpassingly sweet to the very rind. Some who have tasted it declare it to be even **more delicious than Emerald Gem**, which has always been known as a marvel of sweetness. **Fordhook Muskmelon** is most vigorous in growth, very early and extremely prolific, each vine setting from five to nine melons. The melons are remarkably uniform, and there are practically no fruits unfit for market. The introducer claims for it that it is the "**Very Best Cantaloupe.**" The rind, although thin, is unusually firm, and the flesh so solid that the fruits carry well to market. **There are no muskmelons (or cantaloupes) that are better shippers.**

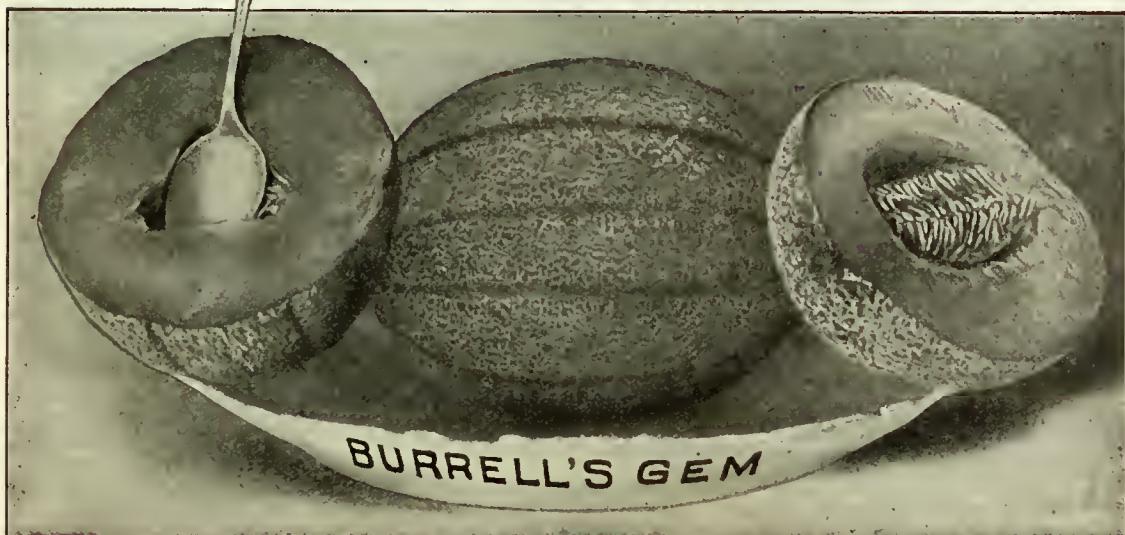
Seed in introducer's original sealed packages. Per pkt., 15 cts.; 2 pkts. for 25 cts.;  $\frac{1}{2}$  oz., 30 cts.;  $\frac{1}{2}$  oz., 55 cts.; per oz., \$1.00, postpaid.

## Burrell's Gem Melon—A New Rocky Ford with Golden Meat

Burrell's Gem, the new Rocky Ford Muskmelon with golden meat, is the result of years of careful selection by Mr. D. V. Burrell, a Colorado grower.

It has a thin, thick, and in flavor photograph below), and the blossomed make it an A No. 1 offer was grown and

tough rind and is closely netted. The meat is of a reddish orange, very luscious and sweet. The seed cavity is unusually small (as shown in our not containing too much water or acid. In shape it is quite elongated, protected with a well-developed button. All these points combine to melon, both for its good eating and fine shipping qualities. The seed we selected by the originator. Price, pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00.





### JOHNSON'S DREAMWOLD—A "Find" in Muskmelons

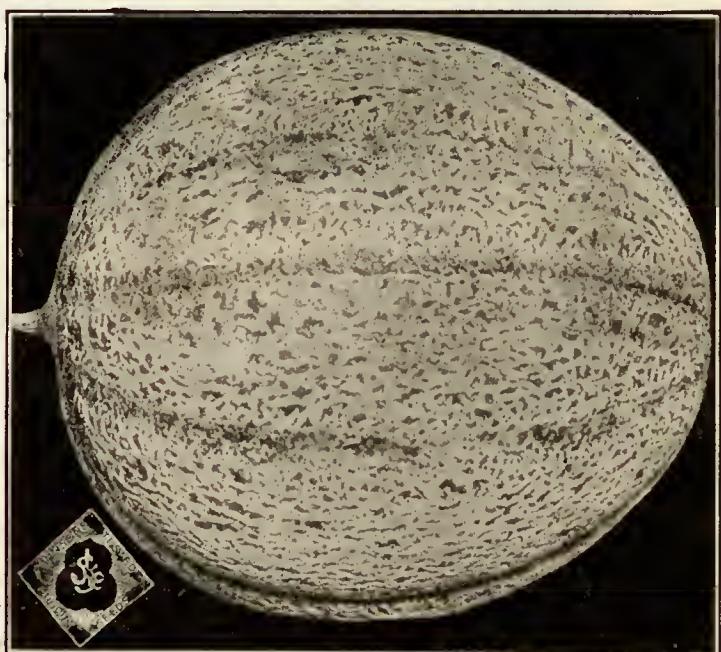
Of the type of our Improved Shippers' Delight, but more densely netted, free from any tendency to knob at the blossom end and ripens **two weeks earlier**. We first introduced and offered it for sale last season and received many voluntary testimonials telling of its worth. It is remarkably early, and the quality of its thick, green flesh is simply perfection, sweet and luscious beyond description. If you grow for market and want to be the first with fine melons, plant **Johnson's Dreamwold**, which means double prices can be realized on all you can grow. Price, per pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

### New Muskmelon

#### VAN BUSKIRK'S "NETTED ROCK"

##### An Improved Rocky Ford

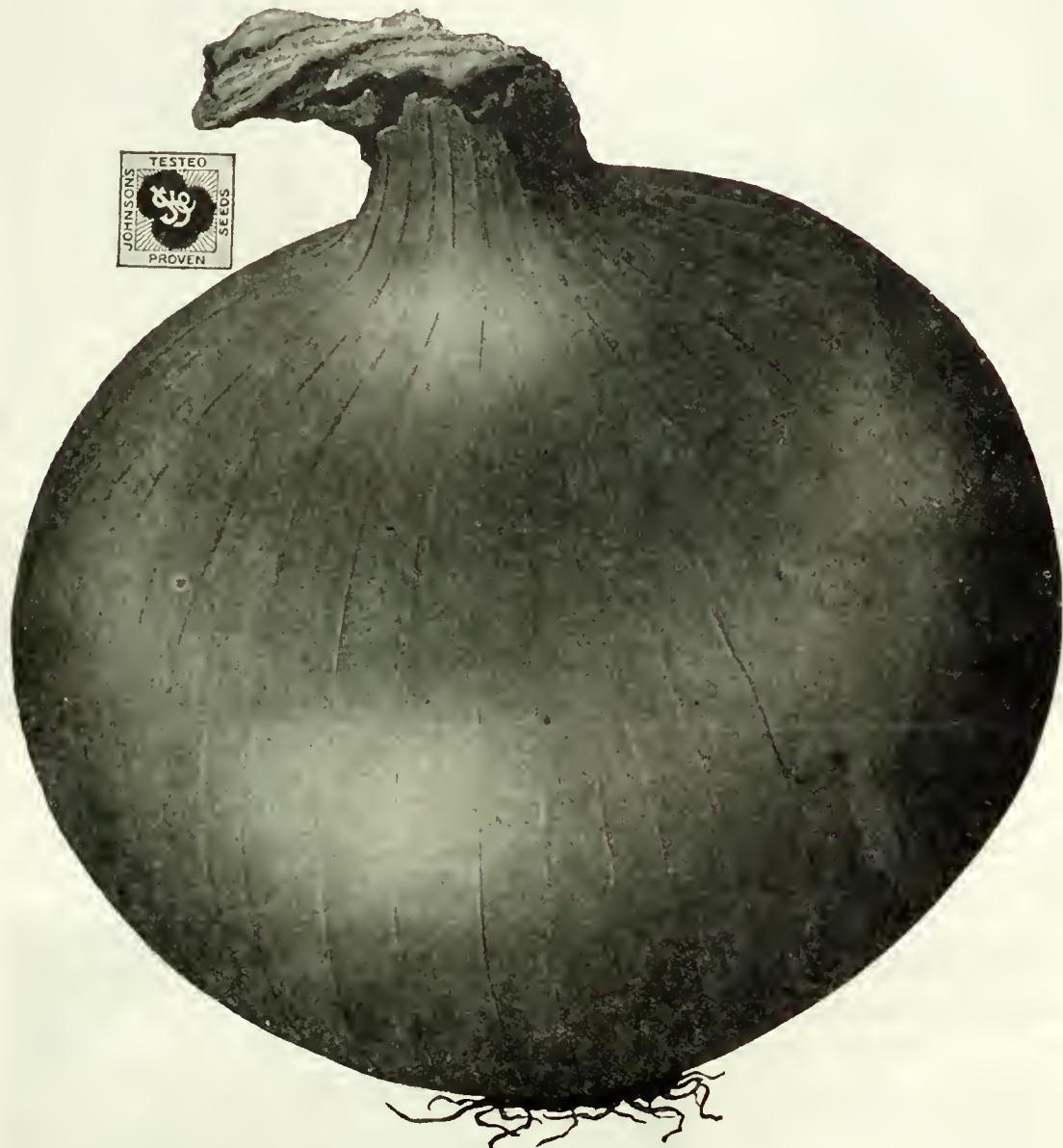
A prominent Colorado grower has for several years been trying by careful hybridization and selection to produce a cantaloupe which would combine, with all the good qualities of "Rocky Ford," the ability to resist the latter's great enemies—rust and blight. In the "Netted Rock" we fully believe he has succeeded, and unhesitatingly recommend it as an **Improved Rocky Ford**. In addition to wonderful rust-resisting qualities, Netted Rock is an excellent shipper, having a tough, densely netted skin and thick, solid, brittle flesh. It is very uniform and of the handsome appearance shown in the photograph. Never mushy or poor, its flesh is deliciously sweet. You will be more than satisfied if you give it a trial. Price, per pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



VAN BUSKIRK'S NETTED ROCK.  
The Rust and Blight-Resisting Cantaloupe.

# Grand New Long-Keeping Onion The Ebenezer

Introduced into this section this season for the first time



**EBENEZER ONION.** Photographed in July, 1907, from a specimen kept in our office about nine months.

This handsome onion originated many years ago in a small hamlet of New York State, called Ebenezer, by a sect akin to the Shakers, who kept it unknown to outsiders all these years, often selling it, among themselves, as high as \$1.00 per ounce. A large, handsome globe onion, dark brown in color, and AS A LONG KEEPER, A PERFECT MARVEL. Will keep for a year without sprouting. In its home locality Ebenezer Onion is grown chiefly for sets, which are planted the next season for bunching and large onions. Supply of seed limited. Price, per pkt., 15c.; per oz., \$1.00.

**SETS Grown by Ourselves in Philadelphia.** Price, postpaid, pint, 30c.; quart, 50c.

## How We Pack Sets for Shipping

MR. WM. K. DU BELL, of White Horse, Yukon Territory, Canada, February 21, 1907, writes: "Be careful to wrap these sets in plenty of good strong paper, very securely tied, and mark 'Perishable,' as they have to be staged 400 miles through a temperature of 20° below zero. Your last year's sets arrived in splendid shape, and did me more good than five times the same amount did from San Francisco."

# A GRAND NEW ONION JOHNSON'S DARK RED BEAUTY

HANDSOME COLOR—FINE SHAPE—EXCELLENT KEEPER

See Colored Illustration on Back of this Catalogue

Distributed Last Season as "Unnamed"  
Seed Now Placed on Sale for the  
First Time

We distributed last season among our friends for trial several thousand packets of this wonderful new onion. All unanimously pronounce it a grand success, and we give below a few samples from the many letters received.

As was the case with the Grand New Cabbage, described on page 7, we made the naming of this onion the occasion of a **Unique Prize Competition**, offering \$100 in Cash Prizes for the best names suggested. Of the names sent in, "Johnson's Dark Red Beauty" was decided upon as the most appropriate, with ten other names as the next best. Checks aggregating \$100 have been sent to the successful competitors as follows:

First Prize, \$50.00 for Best Name (Johnson's Dark Red Beauty).

MRS. ALVIN PEARSON, Springtown, Pa.

MRS. JULIA SCARBOROUGH, Mount Gilead, N. C.

GEO. W. RIDGEWAY, Barnegat, N. J.

J. P. KLINE, Coopersburg, Pa.

MRS. CHAS. S. THEY, Bridgeport, Pa.

MRS. EMMA HARLEY, Mount Vernon, Mo.

Ten Next Best Names, \$5.00 Each.

MRS. CATHERINE FOX, Odessa, Del.

ORTIE NIXON, Monroeville, N. J.

W. A. BURGESS, Pawling, N. Y.

D. C. STEPHENS, Lebanon, Mo.

MRS. W. E. RODGERS, Hooversville, Pa.

JAMES E. CRAWFORD, Audubon, N. J.

J. D. STILLMAN, Edenton, N. C.

F. E. OLVEY, South Haven, Mich.

J. B. KING, Guy, N. C.

C. H. DEWEY, Homer, N. Y.

**Johnson's Dark Red Beauty** is beyond a doubt one of the most magnificent strains of red onion we have ever seen. The testimonials below recommend its elegant round shape and extra dark red color, its excellent keeping qualities and general uniformity as to size and shape. Price, pkt., 20c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.50. For further description, we, therefore, leave it in the hands of its friends and call your attention to

## What Those Who Have Grown It Say

### BEATS THEM ALL.

MRS. T. C. BRIEN, Desota, Ill., writes: "The new Onion, **Johnson's Dark Red Beauty**, beats them all. From one packet I raised 45 pounds, all large size and perfect shape."

### A GREAT SELLER.

WM. ALEXANDER, Plymouth, Mich., August 28, 1907, writes: "Your new red onion **Johnson's Dark Red Beauty**, is very fine, round-shaped and quick growing. It will be a great seller."

### ROUND AS A CANNON BALL.

JACOB E. SWARTWOOD, Scotia, Pa., August 27, 1907, writes: "My onions, raised from **Johnson's Dark Red Beauty**, are now in good growing condition. I pulled a bulb on August 21st and was surprised to find it already of medium size, with a dark red color and round as a cannon ball."

### SHINING LIKE A PIECE OF SATIN.

MRS. C. FOX, Odessa, Del., September, 1907, writes: "Your new **Dark Red Beauty** Onion grows of uniform large size, very handsome, shining like a piece of satin. I consider it the most beautiful onion I ever saw."

### ALL PERFECT.

H. J. SUMERS, Zanesville, Ohio, August 15, 1907, writes: "I have harvested your new onion, **Johnson's Dark Red Beauty**, and they are beauties, one just like the other; all perfect."

### BETTER THAN WETHERSFIELD.

Q. C. STEPHENS, Lebanon, Mo., August 22, 1907, writes: "I planted one row each of Large Wethersfield, Prizetaker and your new **Dark Red Beauty** Onion in the same field, giving all the same care. Your new onion is large and more uniform in shape than either of the others."

### LEAVES ALL OTHERS IN THE REAR.

W. A. BURGESS, Pawling, N. Y., August 19, 1907, writes: "I think your new onion, **Dark Red Beauty**, is something remarkable. I tested it alongside of Red Wethersfield, Silver King and Prizetaker, and to date it has left them all in the rear."

### SURELY A MONEY MAKER.

F. E. OLVEY, South Haven, Mich., August 21, 1907, writes: "Your new onion, **Johnson's Dark Red Beauty**, will surely be a money-maker for any one who plants it."



JOHNSON'S DARK RED BEAUTY ONION.  
Pkt., 20c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.50.



## NEW ONION JOHNSON'S LONG-KEEPING Prizetaker

*See testimonials below*

Since its introduction in 1888, the old Prizetaker Onion has grown in popularity, the only objection being its keeping qualities, which have not been up to the standard of the American varieties. For several years past, however, a prominent onion grower has been making selections and breeding the old Prizetaker until he has obtained a strain which, in keeping quality, is fully equal to Danvers and the Southport Globes. The strain is by far the largest in size and handsomest in shape of all the Yellow Globe Onions.

We introduced this strain last year, and the reports we have received as to its remarkable keeping qualities, handsome globe shape and fine flavor surpassed even our expectations. We take pleasure in calling your attention to a few of the testimonials we have received, some of which we give below.

Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 80c.; lb., \$2.75; 5 lbs. and over, \$2.60 per lb.

### Philadelphia Yellow Globe Danvers Onion

This improved variety is pronounced by onion growers the very best strain in cultivation. It is the earliest yellow globe, large in size, uniformly perfect in shape and the largest cropper, producing from seed 1,000 bushels to the acre. It is also the most reliable for bottoming, and one of the best keepers of all American Onions. Prices, new crop, Pedigree Tested Seed, grown from selected hand-picked bulbs: Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50; 5 lbs. and over, \$2.15 per lb.

**JOHNSON'S NEW EARLY YELLOW GLOBE ONION.** Fine early yellow globe, white flesh, splendid keeper. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 70c.; lb., \$2.50.

**MORSE BROWN GLOBE.** Deep globe, rich brown skin, white flesh; all the good keeping qualities of the well-known Australian Brown. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 70c.; lb., \$2.50.

### SOME OPINIONS ON OUR LONG-KEEPING PRIZETAKER

#### LARGE AND BEAUTIFUL

ENOCH BARR, Herbst, Ind., September 30, 1907, writes: "Your new Long-Keeping Prizetaker Onion proved the best I ever planted; the bulbs are large and beautiful and ripen down hard and dry."

#### NINE BUSHELS TO AN OUNCE OF SEED

PHILIP VASSELLER, Oxford, Pa., September 30, 1907, writes: "Your Long-Keeping Prizetaker Onions are the largest I ever saw; they will give about nine bushels to an ounce of seed."

#### UNIFORM IN SIZE AND SHAPE

J. S. TYLER, Terre Haute, Ind., October 16, 1907, writes: "Your new Prizetaker Onion outyielded all others and was more uniform in size and shape than any I ever raised."

#### LARGEST, TENDEREST, SWEETEST

J. W. HAMLIN, Hillsdale, Mich., August 30, 1907, writes: "Your Long-Keeping Prizetaker Onion has made the best growth and produced the finest onions, the largest, tenderest and sweetest of any I ever raised."

#### FINEST HE EVER SAW

T. C. WILLIS, Bayard, Ohio, October 3, 1907, writes: "This new onion is indeed a Long-Keeping Prizetaker. I grew the finest onions I ever saw."

#### HAD GREAT SUCCESS

F. D. HOLMES, Galva, Kansas, October 2, 1907, writes: "Your Long-Keeping Prizetaker is a very superior onion. In spite of an unfavorable season, I have had great success with it; some of these onions measured 12 inches in circumference."

#### SUCCESS WHERE OTHERS FAILED

J. W. HAMLIN, Hillsdale, Mich., September 24, 1907, writes: "Your Long-Keeping Prizetaker is the finest of all the large sweet onions. Its growth is most rapid. We had a cold late spring which was hard on my other onions. Red Danvers was a failure, but Long-Keeping Prizetaker scored a big success."

#### CANNOT BE BEATEN

JACOB E. SWARTWOOD, Scotia, Pa., September 24, 1907, writes: "Your Long-Keeping Prizetaker Onion has yielded me a fine large crop of onions. In size, quality, yield and handsome appearance your pedigree onion seed cannot be beaten."

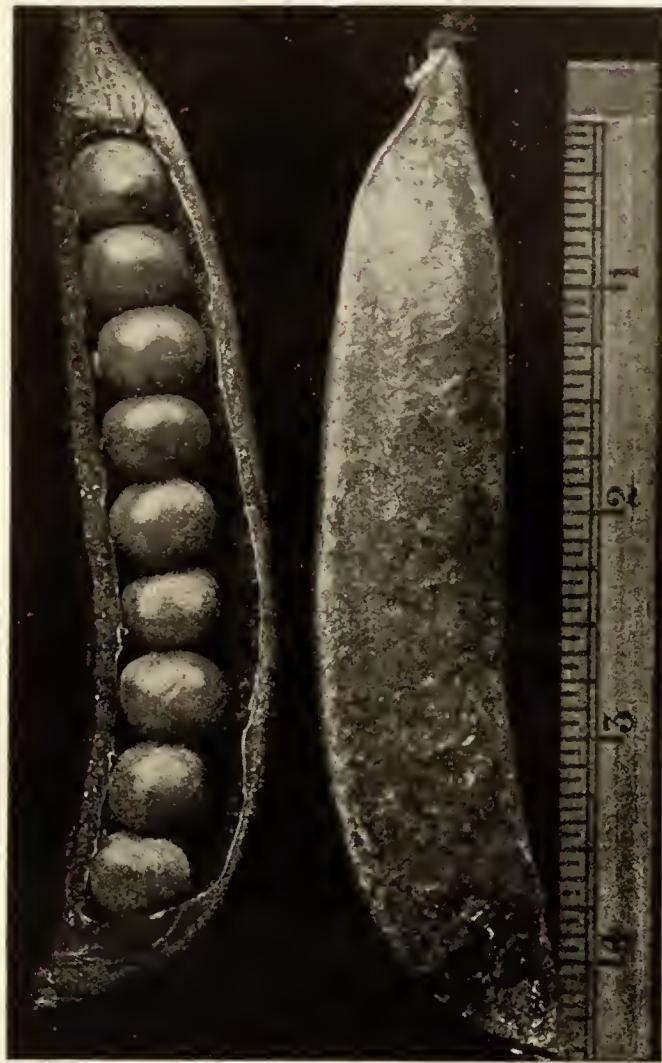
#### UNSURPASSED

J. C. ROSS, Leamington, Ont., Canada, October 8, 1907, writes: "In sweetness and mildness your new Long-Keeping Prizetaker Onion is unsurpassed. It is superior to the old-fashioned Prizetaker. Some specimens weigh up to 1 $\frac{1}{2}$  pounds. In earliness, firmness and bright appearance it is ahead of the Danvers."

For other varieties of Onions, see pages 42 and 43

# A PAGE OF ENGLISH PEAS

Five New Varieties from Expert Growers in England



AVERAGE PODS OF DAINTY DUCHESS PEA.

other of the **Early Dwarf Sorts.** Its height is 18 inches, ends with peas of rich deep green color and delicious quality. Price, pkt., 15c.; pint, 35c.; qt., 60c., postpaid; by express, qt., 45c.; 4 qts., \$1.55; peck, \$2.75.

## Senator

This is a main crop English pea of fine quality. The vine is about 3 feet in length and very productive. The pods are heavy with wrinkled marrow peas, which are marvels of sweetness. Senator will amply repay a trial. Price, pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by express, qt., 40c.; 4 qts., \$1.40; peck, \$2.25.

## The Dainty Duchess

This new pea, named and introduced by us into this country last season, resembles the well-known favorite Telephone, but is superior in quality and yield. It is a wrinkled pea, of tall habit, robust growth, hardy and vigorous, producing large, well-filled pods in great profusion. The peas are of extra size, borne 8 or 10 to a pod, and possess a superior delicious sugary flavor. (For its handsome appearance and large size see photograph given above.) Prices, pkt., 10c.; pint, 35c.; qt., 60c., postpaid; by express, qt., 45c.; 4 qts., \$1.50; peck, \$2.50; bush., \$8.00.

MRS. D. D. HOCK, Oley, Pa., September 16, 1907, writes:—"I have raised many peas, but never any with such large pods and so well filled as the Dainty Duchess. The pea is of extra fine flavor."

W. H. LONG, Easton, Pa., September 17, 1907, writes:—"The Dainty Duchess Pea is O. K. Delicious in flavor, sweet and tender. The vines hang full and all the pods are well filled."

## The Thomas Laxton

This, the only rival to the famous "Gradns," is the earliest large-podded wrinkled pea known, with pods and peas of the very largest size and almost as early as the regular Extra Early Peas. The enormous pods are full with from six to ten wrinkled marrow peas of the most delicious flavor. The peas are deep green in color, present a most attractive appearance on the table, and so sweet they "melt in the mouth." Although it commences bearing so very early, it continues for a long time, the peas also remaining sweet and tender for a long time after they are fit to pick. Price, pkt., 10c.; pint, 25c.; qt., 45c., by mail, postpaid; by express or freight, qt., 30c.; 4 qts., \$1.00; peck, \$1.85; bush., \$7.00.

## English Wonder

This new dwarf pea resembles American Wonder in type, but is a little later and more uniform. The vine is about 6 inches taller than American Wonder, and a great producer of long, handsome, well-filled pods, yielding double the amount of peas. The peas are wrinkled, of exceptionally fine quality and excellent flavor. Sure to command top prices in the markets. Price, pkt., 15c.; pint, 35c.; qt., 60c., by mail, postpaid; by express, qt., 45c.; 4 qts., \$1.50; peck, \$2.50.

## Carter's Daffodil

### A VERY PROLIFIC FIRST EARLY PEA

The name "Carter" has become a synonym for "fine peas," and in "Carter's Daffodil" we have a valuable addition to those originated by James Carter & Co., the well-known pea experts of Great Britain. It is a great advance on any of bushy habit, with pods filled to the ends with peas of rich deep green color and delicious quality. Seed from originator's stock. Price, pkt., 15c.; pint, 35c.; qt., 60c., postpaid; by express, qt., 45c.; 4 qts., \$1.55; peck, \$2.75.

## A PAIR OF FINE FIRST EXTRA EARLY TOMATOES



Photograph of JOHNSON'S JACK ROSE TOMATO as it appeared for sale on the fruit stands during the spring of 1907.  
Pkt., 15c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

### THE EARLIEST YET JOHNSON'S JACK ROSE TOMATO The Earliest Tomato in Existence

Since the introduction of Sparks' Earliana Tomato by the writer in 1900, we have been looking for a tomato of equal quality that would eclipse it in earliness, which we realized was by no means an easy task. However, we now believe our efforts have been rewarded, and last season we introduced "Johnson's Jack Rose," feeling sure we had found a variety possessing all the good qualities of Earliana, with the advantage of being from a week to ten days earlier. The reports from our customers agree that our belief was well founded, for from all sections of the country we have received letters testifying that in **JACK ROSE** we have "The Earliest Yet."

**JACK ROSE** is of handsome appearance and color (resembling Earliana, but distinct from it), large, fleshy and solid. The vines are stocky and literally loaded with tomatoes, the later fruit being as heavy and perfect as the first. If you want an abundant supply of fine, solid, rich-colored, meaty tomatoes, that will be large and good until frost comes, try the **Jack Rose**. (Read the testimonials given below as to the merits of this fine new tomato.)

**Price of Jack Rose Tomato:** Pkt., 15c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

### JOHNSON'S IMPROVED STRAIN No. 10 SPARKS' EARLIANA TOMATO

See photograph of average cluster, page 53

Sparks' Earliana Tomato, introduced in 1900, is too well known to need much description. It has proven one of the most successful vegetable novelties ever introduced, and its large, handsome, solid fruit is known in all sections of the United States.

This new strain, which we have named **Johnson's No. 10**, is fully one week earlier than the original type, and more vigorous in growth. It is the result of repeated selections and great care. Some of our friends claim that it is as early as Jack Rose, but we believe the latter to be a few days earlier.

Sparks' Earliana Tomato was first discovered and named in 1899, by the writer of this catalogue, **Herbert W. Johnson**, who has since given his personal attention to its selection, growth and improvement. If you want the best seed obtainable of this now famous variety, order **Johnson's No. 10** strain from **Johnson Seed Company**.

**Price of JOHNSON'S IMPROVED STRAIN No. 10 SPARKS' EARLIANA:** Pkt., 15c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50. For price of original strain see page 53.

### What a Few of the Largest Market Growers Say of These Tomatoes

We have hundreds more of just such letters on file in our office, and regret we have not room to publish more of them.

#### JOHNSON'S JACK ROSE EARLIEST HE EVER GREW

CHAS. N. LONON, Ferris, Texas, September 13, 1907, writes: "Your Jack Rose Tomato is large, fleshy and uniform in shape and size; it has few seeds and is the earliest tomato I ever grew. I had ripe tomatoes two weeks before my neighbors; they are still bearing while other varieties have quit entirely."

#### RIPENED SOONER THAN EARLIANA

W. L. NETTLESHIP, Fayetteville, Ark., August 31, 1907, writes: "Your Jack Rose is the best early tomato I ever tried; it ripened sooner than the Earliana."

#### SPARKS' EARLIANA IMPROVED No. 10 STRAIN EXCELS ALL

MRS. S. W. JOHNSON, Kremlin, Okla., October 3, 1907, writes: "I take pleasure in recommending your new Earliana Tomato No. 10 Strain. It excels all those I have ever tried."

#### NOTHING LIKE IT IN 50 YEARS

A. ENGLE, Detroit, Kansas, September 23, 1907, writes: "Your No. 10 Strain Earliana Tomato beats anything in the tomato line that I ever saw. Not in 50 years growing tomatoes have I ever seen the like in yield, fine size and early ripening. The tomato is simply wonderful."

# The Johnson Quality Standards

If you are undecided what variety to plant, **order from this list** and you will not be disappointed. It is a **list of tried and tested varieties** which our thirty-five years' experience and the reports of our customers prove to be the **best for the average all-round Family Garden.**

Fully described in the general list of this Catalogue, pages 21 to 54

**ASPARAGUS.** **New Early French Giant.** Page 21. Seed, per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c. Roots, 2 years old, per 100, \$1.00; 500 for \$3.25; per 1000, \$6.50.

**BEANS.** **New Giant Green Pod Stringless Valentine.** Page 22. Pint, 10c.; qt., 20c.; peck, \$1.25.  
" **New Round Pod Kidney Wax (Brittle Wax).** Pages 6 and 22. Pkt., 10c.; pint., 20c.; qt., 30c.; peck, \$1.60.  
" **Lima. Ford's Mammoth Padded Pole.** Page 24. Pint, 20c.; qt., 35c.; 2 qts., 60c.; 4 qts., \$1.00.

**BEETS, Extra Early.** **Crosby's Improved Egyptian.** Page 25. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 75c.  
" **Main Crop. Lanier's Superba.** Page 25. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**CABBAGE.** **Johnson's Very Earliest.** Page 27. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.  
" **for Second Early and Summer.** **Johnson's Market Gardener's No. 2.** Page 28. Pkt., 15c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**CABBAGE for Late or Winter.** **Johnson's Matchless Late Flat Dutch.** Page 29. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.; lb., \$2.25.

**CARROT for Early and Late. French Market.** Page 30. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**CELERY, Early.** **Paris Golden Self-Blanching.** Page 8. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10.  
" **Intermediate. Johnson's New Cremona.** Page 31. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.  
" **Late or Winter, Winter Queen.** Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.

**CORN, Sweet, Early.** **Peep o' Day.** Page 32. Pkt., 10c.; pint., 15c.; qt., 25c.  
" **Late or Main Crop. Country Gentleman.** Page 32. Pkt., 10c.; pint., 15c.; qt., 30c.

**CUCUMBER.** **Johnson's Improved Arlington.** Page 33. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**LETTUCE, Head.** **New Mammoth Salamander.** Page 37. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.85.  
" **Curled Leaved. New Morse.** Page 37. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**MUSKMELON, First Early.** **McCleary's Improved Jenny Lind.** Page 38. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**MUSKMELON, Second Early.** **Anne Arundel.** Page 38. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**WATERMELON.** **Johnson's Dixie.** (Extra selected stock.) Page 39. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**ONION.** **Philadelphia Yellow Globe Danvers.** Page 43. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.  
" **Minnesota Globe Wethersfield Red.** Page 42. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

**PARSLEY.** **Market Gardeners' Best.** Page 46. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**PARSNIP.** **Ideal Hollow Crown.** Page 46. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**PEAS, First Early.** **Johnson's Record Extra Early.** Page 44. Pkt., 10c.; pint., 15c.; qt., 25c.; 4 qts., 80c.; peck, \$1.40.

**PEAS, Medium.** **Thomas Laxton.** Pages 17 and 45. Pkt., 10c.; pint., 20c.; qt., 30c.; 4 qts., \$1.00; peck, \$1.85.  
" **Late. New Dwarf Champion.** Page 45. Pkt., 10c.; pint., 15c.; qt., 25c.; 4 qts., 85c.; peck, \$1.35.

**PEPPER.** **Ruby King.** Page 46. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25.

**RADISH, Earliest.** **Scarlet or Cardinal Globe (Crimson Ball).** Page 49. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 75c.  
" **Early. New Snow White Box (White Ball).** Page 49. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.  
" **Summer. Long Chartier.** Page 49. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.  
" **Winter. Improved Half-Long Black Spanish.** Page 50. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.

**SPINACH.** **New Parisian Long-Standing.** Page 50. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

**SQUASH, Summer.** **New Extra Early Jersey White Bush.** Page 51. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.  
" **Winter. New Red or Golden Hubbard.** Page 51. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**TOMATO.** **Sparks' Earliana, Johnson's Improved No. 10 Strain.** Pages 18 and 53. Pkt., 15c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**TOMATO, Main Crop. Stone** (Extra selected seed). Page 52. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 80c.; lb., \$3.00.

**TURNIP.** **Yellow or Amber Globe.** Page 54. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

If ordered sent by mail, add to above prices: on Corn, 5c. per pint, 10c. per qt.; on Beans and Peas, 8c. per pint, 15c. per qt.

# JOHNSON'S NEW LEAFLET-ESSAYS ON IMPORTANT VEGETABLES, ETC., SENT FREE

Nine instructive new Leaflet-Essays for 1908, making twenty in all. Any or all of these are free when asked for with Seed or Poultry Supply orders.

- No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
- No. 2. **BEANS AND PEAS.** How to Grow. New Leaflet for 1908.
- No. 3. **BEETS.** Garden, Mangel and Sugar Beets for Stock Feeding.
- No. 4. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
- No. 5. **CAULIFLOWER.** How to Grow Successfully in the Home Garden.
- No. 6. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
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- No. 13. **TOMATO CULTURE.** How to Grow and Market. New Leaflet for 1908.
- No. 14. **FLOWER CULTURE FROM SEED.** To Successfully Grow Sweet Peas, Nasturtiums, Pansies and other Popular Flowers. Complete Cultural Directions.
- No. 15. **SASHES AND BEDDING PLANTS.** Treating Principally on Hot Beds and Cold Frames.
- No. 16. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
- No. 17. **HINTS ON LAWN-MAKING AND GRASS SEED MIXTURES** for Lawns, Golf Grounds, Permanent Pasture and Mowing.
- No. 18. **WINTER EGG PRODUCTION.** How to Increase it by Breeding, Feeding and Housing.
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**MAILED FREE**

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## JOHNSON'S POULTRY SUPPLY CATALOGUE

IS FULL OF UP-TO-DATE SUGGESTIONS

WE CARRY THE LARGEST LINE OF

## Poultry, Dairy and Bee Supplies

IN THE EAST

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*The Best Seeds that Grow, and a List of Varieties it Pays to Grow*



## Asparagus

supply an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.



per 100; \$4.75 per 1,000 (500 roots at 1,000 rate).

### PALMETTO ASPARAGUS

Extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. Seed and Roots, same prices as Barr's Mammoth.

### CONOVER'S COLOSSAL ASPARAGUS

A well-known old standard variety. Prices of Seed: Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c. Splendid Strong Roots, 1 year old, 50c. per 100 (by mail, postpaid, 70c. per 100); \$4.00 per 1,000; 2 years old, 60c. per 100; \$4.50 per 1,000.

## SPECIALTIES AND STANDARDS

**I**N the interest of our customers we have endeavored to list in the following pages the cream of all varieties known, weeding out many that are still advertised by other seedsmen. We take great pains each season to inform ourselves fully, by actual tests, as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our MANUAL, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. Some of the older varieties have been left out on account of their being very similar or inferior to some of the newer sorts. Any variety which has appeared in former catalogues, although not here listed, can be furnished. It is our constant aim thus to accommodate, gain and hold the confidence of all customers.

Asparagus is one of the earliest spring vegetables. No vegetable on our list can be produced so cheaply and easily. Directions for planting and culture will be found in our new LEAFLET-ESSAYS, sent free on request. A bed 12 x 40 feet, requiring 100 roots, will

### NEW EARLY FRENCH GIANT ASPARAGUS

This new sort is the earliest, largest and most prolific, being a great improvement on the popular Palmetto or French Argenteuil Asparagus, which was first brought to this country by Mr. John Nix, the largest asparagus grower of South Carolina. The roots were imported from Mr. Louis Lérault de Argenteuil, of France, and we have improved the original strain season by season, so that it is much superior to the first importation, and thoroughly acclimated to our northern climate. It is not only ten days earlier than Palmetto, but of larger size and superior in flavor and color.

**Prices of Seed:** Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 30c.; lb., 90c. **Good, Strong One-year-old Roots**, 50 for 60c.; 100 for \$1.00, by mail, postage paid; by express or freight, 85c. per 100; \$6.25 per 1,000. **Two-year-old Roots**, \$1.00 per 100; \$6.50 per 1,000, by freight or express (500 roots at 1,000 rate).

### DONALD'S ELMIRA ASPARAGUS

The delicate green color is notably different from either the famous Barr's Mammoth or Palmetto, while the stalks are more tender and succulent. Owing to the large size, it requires much less labor in cutting and bunching, thus lessening the expense of marketing. **Price of Seed:** Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 80c. **Strong Roots**, 1 year old, 70c. per 100; (by mail, postpaid, 50 for 50c.; 90c. per 100); \$5.50 per 1,000; 2 years old, 75c. per 100; \$5.75 per 1,000, by freight or express (500 roots at 1,000 rate).

### BARR'S MAMMOTH

In Philadelphia is much sought after, and sells at top-notch prices on account of its large size and fine appearance. **Seed:** Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 60c. **Good, Strong Roots**, 1 year old, 65c. per 100 (by mail, postpaid, 50 for 50c.; 85c. per 100); \$4.25 per 1,000; 2 years old, 70c.



TWO-YEAR-OLD ASPARAGUS ROOT.



**NEW GIANT GREEN POD STRINGLESS VALENTINE BEAN.** Earlier, more prolific, with pods  $\frac{1}{3}$  larger than Valentine. Pint, 20c.; qt., 35c., postpaid; qt., 20c.; peck, \$1.25; bush., \$4.50, by express.



**CURRIE'S RUST-PROOF BLACK WAX BEAN.** Extremely early, large pods. The best Wax Bean for market and shipping. Pint, 20c.; qt., 35c., postpaid; qt., 20c.; peck, \$1.25; bush., \$4.75, by express.

## BEANS—Dwarf Green Podded

One quart will plant 100 feet of drill, two bushels will plant an acre in drills

Large, full-sized packets of any variety of Beans, 10c. each.

Half pecks and half bushels supplied at peck and bushel rates.

**Improved Round Pod Red Speckled Valentine.** Finest strain . . .  
**Refugee, or Thousand to One.** Medium early, hardy, productive . . .  
**New Extra Early Refugee.** Two weeks earlier than the old Refugee, Giant Green Pod Stringless Valentine (see illustration above) . . .  
**Stringless Green Pod.** Extra early and of very fine quality . . .  
**Black Valentine.** Long, round, solid green pod, black seed . . .  
**Longfellow.** Long, straight, round, solid, green pods, very early . . .  
**Hodson Green Pod.** Superior new sort. See Novelties, page 6 . . .  
**Long Yellow Six Weeks.** Early, with full, flat green pods . . .

By Mail,  
Postpaid.

By Express or Freight.

Pint.	Qt.	Qt.	Peck.	Bush.
\$0 20	\$0 35	\$0 20	\$1 10	\$4 00
20	35	20	1 00	3 75
20	35	20	1 15	4 25
20	35	20	1 25	4 50
20	35	20	1 25	4 50
20	35	20	1 25	4 50
20	35	20	1 15	4 00
25	40	25	1 35	5 00
20	35	20	1 00	3 75

## BEANS—Dwarf Wax Podded

**Currie's Rust-Proof Black Wax** (see illustration above) . . .  
**New Round Pod Kidney Wax.** New, superior. One of the best

round-podded wax beans in cultivation . . .  
**Golden Wax.** The well-known old sort; popular for market . . .  
**Grennell's Improved Rust-Proof Golden Wax.** Very superior . . .  
**Wardwell's Kidney Wax.** Very popular, long, broad, flat pods . . .  
**Davis Kidney Wax.** A new white-seeded bean. Long, oval pods . . .  
**Hodson Wax Bush.** New variety, something extra fine. See description and prices under Novelties, page 6 . . .  
**Keeney's Improved Refugee Wax.** A decided improvement . . .  
**Dwarf German Black Wax, or Butter.** Well-known old sort . . .  
**New Prolific German, or Cylinder Wax.** Very early and prolific . . .  
**Keeney's Pencil Pod Black Wax.** Round, full and stringless . . .  
**Fuller's Ringleader.** The best Black Wax yet introduced . . .  
**Golden-Eyed Wax.** Early, hardy and prolific; popular market sort, Flageolet Wax. Early, very large, flat, stringless pods . . .

20	35	20	1 25	4 75
25	45	30	1 60	6 00
25	40	25	1 50	5 50
25	45	30	1 60	6 00
25	45	30	1 60	6 00
25	40	25	1 40	5 25
25	40	25	1 50	5 50
25	40	25	1 50	5 75
25	40	25	1 40	5 25
25	40	25	1 50	5 50
25	45	30	1 60	6 00
25	40	25	1 35	5 00
25	45	30	1 60	6 25

## The Best of the Dwarf or Bush Lima Beans

### NEW WONDER BUSH LIMA

Largest in size and best of all.

The New Wonder is the earliest, dwarfest and most prolific of the whole class of Bush Limas. A decided improvement on the original type of Burpee's Bush Lima, being larger in size, more hardy and prolific. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.75.

### Dreer's or Kumerle Bush Lima

Possesses all the good qualities of the Dreer's Improved or Challenger Pole Lima, growing vigorously about two feet high and showing no disposition whatever to run. It produces pods in great abundance. The beans grow close together, four and sometimes five in a pod, and are thick, sweet and succulent. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.85; bush., \$7.00.

### Dwarf White or Burpee Bush

The true bush form of the old large Lima Pole Bean and most popular of the class. It grows vigorously to a height of twenty inches. Pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.75.

### WOOD'S PROLIFIC BUSH LIMA

#### An "Improved Henderson Bush Lima."

Earlier than the Burpee's Bush Lima, but somewhat smaller in size of bean. Making a larger growth than others; stems are loaded down with beans in great clusters. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.65; bush., \$6.25.

DREER'S OR KUMERLE BUSH LIMA. POD NATURAL SIZE.

30c.; peck, \$1.65; bush., \$6.25.

### Henderson's, or Dwarf Sieva Lima.

Size of the small Southern or Sieva Lima. Enormously productive. Pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.65; bush., \$6.25.

## BEANS—White Shelling Varieties

Large packets, 10c each.

Half pecks and half bushels supplied at peck and bushel rates.

**Day's Leafless Medium.** Vine stands up well, grows abundant foliage, and previous to ripening, the leaves fall off, so that pod is exposed to the sun, so they ripen evenly. Matures in eighty days,

**Burlingame Mediums.** The leading field bean in New York . . .

**White Navy, or Pea Bean.** A productive standard sort . . . .

**Royal Dwarf, or White Kidney.** Very productive, fine for baking,

**White Marrowfat.** Well known; extensively grown for winter . .

## BEANS—Pole or Running

**New Golden Andalusia Wax.** Most productive and profitable of all the pole wax varieties; pods, 5 to 6 inches long; broad, fleshy and stringless, surpassing all others in quality; come early and continue to bear profusely the entire season; beans pure white,

**Early Golden Cluster Wax.** Early, large, flat, fleshy yellow pods,

**Lazy Wife's.** Best and largest Green Podded Snap Short Pole Bean,

produced in large clusters; pods broad, thick, fleshy and stringless,

**White Crease Back, or Fat Horse.** One of the earliest Round Pod,

**Improved Kentucky Wonder, or Old Homestead.** Very long,

round, straight pods; early, entirely stringless, very productive .

**Southern Prolific.** Continuous bearer, giving snap shorts in 80 days,

**Speckled Cut Short or Corn Hill.** Best for planting among corn .

**Old Homestead Wax Pole Bean.** A yellow-podded variety of the

Improved Kentucky Wonder or Green-Podded Old Homestead.

Very early; very large, tender, fleshy pods, borne in great clusters,

BURPEE'S BUSH LIMA. POD NATURAL SIZE.

		By Mail, Postpaid.		By Express or Freight		
Pint.	Qt.	Qt.	Peck.	Bush.		
		\$0 20	\$0 30	\$0 15	\$1 00	\$3 75
		20	30	15	1 00	3 75
		20	30	15	90	3 25
		20	30	15	1 00	3 75
		20	30	15	90	3 50
		25	45	30	1 65	6 25
		25	45	30	1 65	6 25
		25	45	30	1 60	6 00
		25	45	30	1 65	6 25
		25	45	30	1 50	5 75
		25	40	25	1 40	5 25
		25	40	25	1 40	5 00
		30	50	25	2 25	8 25

## POLE LIMA BEANS



SHOTWELL'S IMPROVED  
POLE LIMA.

**Large Lima.** Thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; Peck, \$1.75; bush., \$6.50.

### Shotwell's Improved Thick Pole Lima Bean

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved Pole Lima or any other bean of its class in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it in past seasons, and we regret we have not room here to publish the many strong recommendations received from them. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by freight or express, qt., 30c.; peck, \$1.75; bush., \$6.75.

### Ford's Mammoth Podded Pole Lima Bean

This Lima Bean is the result of over twenty years' selection by the late Jas. Ford, who was one of the oldest market gardeners around Philadelphia. The pods grow to an average length of 8 inches, are produced in great clusters, with from five to seven beans per pod, of most excellent quality for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is, without exception, the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by freight or express, pint, 20c.; qt., 35c.; 2 qts., 60c.; peck, \$2.00; bush., \$7.00.

Twenty quarts of Pole Limas are required to plant an acre in hills 4 x 4 feet. We sell Large Packets of each variety, 10c. each. Pints, when sent by freight or express, at half the quart rates; half peck and half bushel at peck and bushel rates.

**SEIBERT'S EARLY POLE LIMA.** This new variety is one of the very earliest. The vine is very vigorous and productive. Pods are large, but thin, and can be more easily opened than those of other varieties. The green beans are very large, handsome and of the best quality. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety is superior, and is now recognized as one of the best for either the garden or market. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.65; bush., \$6.25.

**JERSEY EXTRA EARLY POLE LIMA.** The pods are large and numerous, invariably having from four to five beans in each. These beans appear in Philadelphia markets nearly two weeks ahead of ordinary Limas, selling at from \$3.00 to \$4.00 per bushel of pods, and, previous to the introduction of Seibert's Early, were considered the earliest. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by freight or express, qt., 30c.; peck, \$1.65; bush., \$6.25.

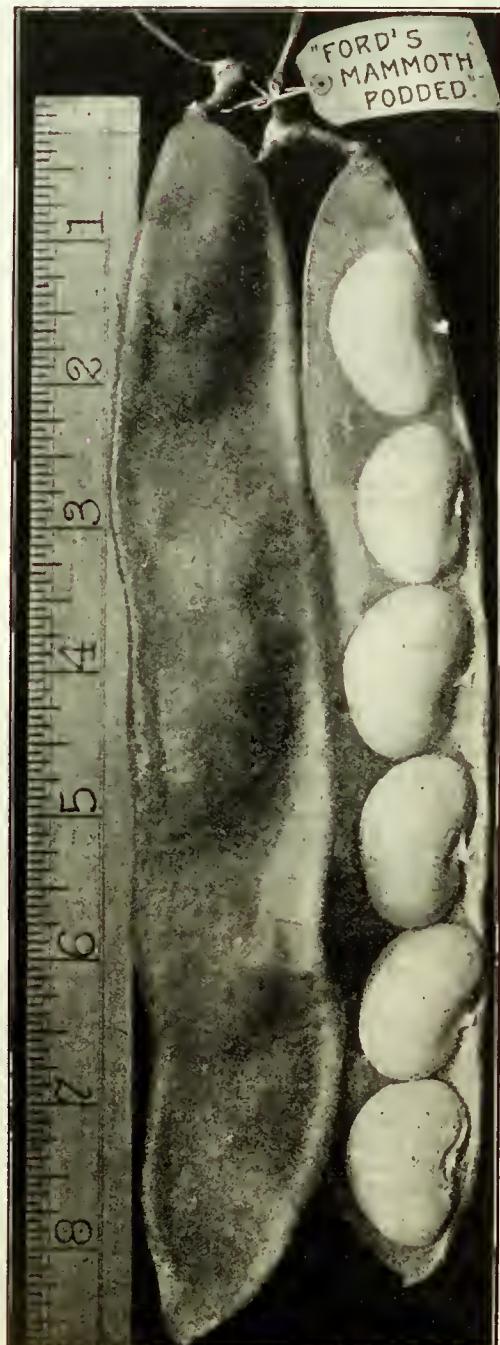
**SALEM EVERGREEN POLE LIMA.** The Salem Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, giving the appearance of beans fresh from the vine when cooked. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express, qt., 35c.; peck, \$2.00.

**KING OF THE GARDEN POLE LIMA.** More prolific than the ordinary Lima, bearing pods 5 to 6 inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.65; bush., \$6.25.

**SALEM MAMMOTH POLE LIMA.** A selection from the large Lima Bean, of extraordinary size and deep green color. Pint, 30c.; qt., 50c., postpaid; by freight or express, qt., 35c.; peck, \$2.00; bush., \$7.75.

**LARGE WHITE POLE LIMA. (Extra Selected Size.)** The well-known favorite. Our strain is fine. Pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.75; bush., \$6.50.

**DREER'S IMPROVED CHALLENGER, or POTATO POLE LIMA.** When green, is as large as the

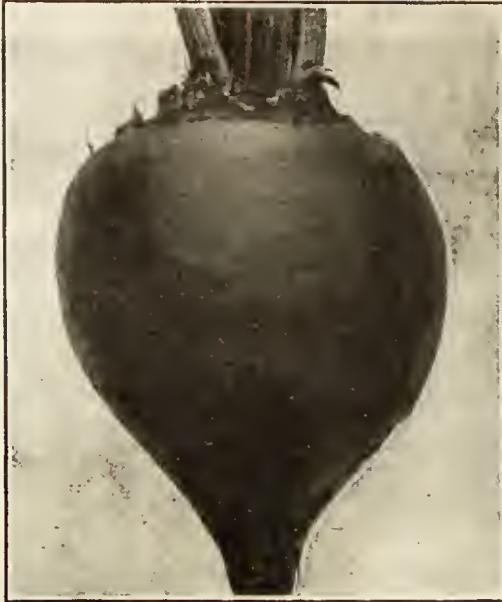




CROSBY'S IMPROVED EGYPTIAN, the earliest beet.

## CROSBY'S IMPROVED EGYPTIAN BEET

This is our leading extra early beet for market gardeners' use; equally good for the home table. It is earlier than the old Extra Early Egyptian, larger in size, smooth, and of the form as shown in our photographic illustration above. It retains its superior quality and does not become woody and tasteless like the old Egyptian when allowed to stand too long. It may be sown outside as late as July. This beet was originated from the Extra Early Egyptian by Mr. Crosby and is a very shy seeder. Our stock is grown from stock seed selected by the originator, and is superior in every way. Price, per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 75c.; by mail, postage paid; by express, lb., 65c.; 5 lbs. and over, 60c. per lb.



LANIER'S SUPERBA, most perfect beet in existence.

## LANIER'S SUPERBA BEET

For more than fifty years and until his death, our old friend, William Lanier, one of the oldest and best-known market gardeners near Philadelphia, supplied the early and late markets with the handsomest and most salable beets that could be had, and Lanier's Beets, as they were called, became much sought after by the best commission merchants of New York, Boston and Philadelphia. During all these years Mr. Lanier selected with a critical eye the most perfect beets from each crop for seed stock to plant for his own use. The photograph gives an idea of its beautiful bell shape, between a turnip and a half-long beet. A strong, vigorous grower, producing marketable beets very early, of a dark carmine color and very tender. Price, pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## GARDEN BEETS—A Select List of the Best

One ounce of seed will sow sixty feet of drill, five pounds will sow an acre in drills

All varieties in regular large-sized packets, at 5c. per packet.	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Extra Early Egyptian Blood Turnip. A standard early sort with small top . . .	\$0 10	\$0 20	·0 60
Ruby Dulcet. Fine globe shape, blood-red, small top, finest quality . . . . .	10	30	1 00
Johnson's Surprise. Extra early, small top, splendid shape and color . . . . .	10	25	90
Improved Eclipse. A fine round beet of first quality; very early, greatly improved, . . . . .	10	20	65
New Meteor. Fine round shape, skin dark blood-red, flesh red, very sweet . . . . .	10	25	80
Crimson Globe. Round, smooth, deep purplish crimson, very sweet . . . . .	10	20	65
Lentz Extra Early Blood Turnip. Popular market sort, very showy, fine quality, . . . . .	10	20	55
Bastian's Early Blood Turnip. Very popular, small top, flesh zoned, very sweet, . . . . .	10	20	55
Early Bassano. Quite early, very sweet, light-colored flesh, fine form . . . . .	10	20	50
Detroit Dark Red Turnip. Of fine dark color and form; splendid for market . . . . .	10	20	55
Dark Stinson. Very popular with Philadelphia gardeners; good for winter use . . . . .	10	20	60
Edmands' Early Red Turnip. Fine medium early, deep red, very uniform . . . . .	10	20	55
Bastian's Half-Long Blood. One of the most popular winter keepers . . . . .	10	20	55
Long Smooth Blood Red. An excellent, large, very late sort, fine keeper . . . . .	10	20	55
Swiss Chard, or Silver. Cultivated for leaves, which are used as greens . . . . .	10	20	60

### Johnson's Ever Ready Cabbage

SOLID HEADS WEIGHING 15 lbs.

G. C. KELLY, Colmar, Pa., writes us, November 16, 1907: "Your new cabbage turned out extra fine; all headed, and many of the large solid heads weighed over 15 lbs. I have been growing cabbage over forty years and they beat anything I have ever seen. Much superior to Louderback's and others."

### Johnson's Selected Celery Seed

THE BEST EVER

A. H. DEWEY, Clayton, N. Y., writes, May 7, 1907: "I want to tell you how proud we are of our celery. The old gardeners around here told us that it would take three weeks for the seeds to come, and so to plant early. We planted Golden Heart and White Plume, and to our surprise and delight it came up in 12 days. Those who have been celery growers for years say they never heard of such a thing and want to know where we got the seed. We say 'at Johnson's.'"

## MANGEL-WURZEL AND SUGAR CATTLE BEETS

**CHIRK CASTLE MANGEL-WURZEL BEET**

Remarkable for its **handsome, thick, uniform shape** and very **broad shoulders**, its diameter being **greater** and its weight much heavier than **Mammoth Long Red**, as shown in our photograph above. Flesh is deep red, containing less water and more sugar than any other Mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. It was originated in Scotland, where it has been known to produce 60 tons to the acre. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c., postpaid; by freight or express, lb., 50c.; 5 lbs. (enough for one acre), \$2.25; 10 lbs. and over at 40c. per lb.

**A 57 $\frac{3}{4}$ lb. MANGEL**

In the competition for our cash prizes offered in 1907 the largest **CHIRK CASTLE** sent in weighed **57 $\frac{3}{4}$  lbs.**, having been grown by **Abel Steele, Ferguson, Ontario**, who was awarded the first prize of **\$25.00**. The fine specimens sent in attracted much attention at our store.

**TABER'S GATE-POST**

**The Largest and Best Yellow Mangel**

Originated by Mr. Taber, the prominent English seed grower. Since its introduction in England and in this country, a few years since, has rapidly popularized itself, and is pronounced by leading farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2,000 to 2,500 bushels to the acre. Our seed of this now famous sort is grown for us by the originator in England. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c., postpaid; by freight or express, lb., 45c.; 5 lbs. for \$2.00; 10 lbs. or more, 35c. per lb.



All varieties in regular large-sized packets, at 5c. per packet.

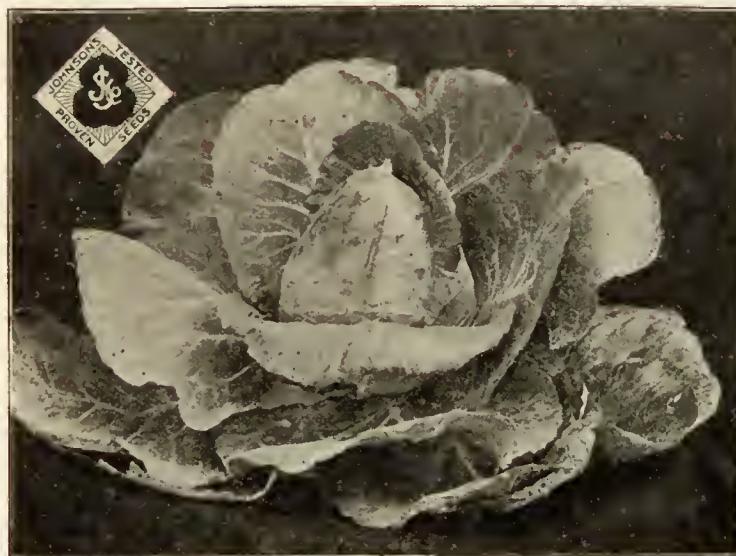
If ordered in 5-lb. lots, 5c. per lb. may be deducted.

By Mail, Postpaid.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Mammoth Long Red Mangel.</b> Sometimes called <b>Jumbo, Norbitan Giant, and Colossal</b> . The old variety, extensively grown for stock feeding . . . . .	\$0 10	\$0 15	\$0 35
<b>Golden Giant Intermediate (Yellow Leviathan Mangel).</b> Grows more than half above ground; flesh white, firm, sweet, very popular . . . . .	10	15	35
<b>Champion Yellow Orange, or Globe.</b> Heavy cropper; succeeds on light land . . . . .	10	15	35
<b>Golden Tankard Mangel.</b> Broader than <b>Mammoth Long Red</b> ; hardy and early, . . . . .	10	15	35
<b>Giant Half Sugar Rose.</b> A cross of the <b>Mammoth Red Mangel</b> and <b>Improved Sugar Beet</b> , containing more sugar than other Mangels; large and smooth . . . . .	10	15	40
<b>Lane's Improved Imperial.</b> An improvement on the <b>French Sugar Beet</b> . Hardier, more productive, yielding thirty-five to forty tons per acre . . . . .	10	15	35
<b>Red Top White Sugar Beet.</b> The old variety, largely grown for stock feeding, . . . . .	10	15	35

# High-Bred American Grown Cabbage Seed

To gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risk in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities.



JOHNSON'S VERY EARLIEST CABBAGE. 10 days earlier than Early Jersey Wakefield.

mand the early market in your neighborhood. The heads are remarkably uniform. Price, pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 2 lbs., \$6.50; 5 lbs. and over, at \$3.00 per lb.

## Johnson's Extra Selected Early Jersey Wakefield Cabbage

While this sort is not so early as Johnson's Very Earliest, it will be found to be the very best conical headed sort to come in immediately after it. It heads up remarkably hard and solid, with but few outside leaves, which are unusually thick and heavy, enabling it to stand cold weather without injury when carried through the winter either in the open ground in the South or in cold frames in the North. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.; lb., \$2.50.

## JOHNSON'S VERY EARLIEST CABBAGE

The Earliest and  
Hardest Heading of All First  
Early Cabbages

For over 20 years has this splendid cabbage been one of our leading specialties. It has steadily grown in favor and is to-day the standby of many of our best friends. No words of praise can be written that would recommend this most desirable cabbage too highly. It is ten days earlier than Early Jersey Wakefield, and is unsurpassed in fine quality, great beauty and vigor of growth. With it you can com-

slightly conical, large, solid and

at \$3.00 per lb.

### An Ideal List of Early and Summer CABBAGES

#### JOHNSON'S STANDARD STRAINS

By Mail, Postpaid.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Large packets of the following varieties, 10c. each.</b>			
<b>Johnson's Quick Cash.</b> Earliest and hardest flat-headed cabbage. A perfect wonder in earliness and fine quality. Heads firmly at an early stage of growth. Pkt., 15c. . . . .	\$0 35	\$1 00	\$3 50
<b>Earliest Etampes.</b> An extra early small French sort, with pointed heads . . . . .	20	50	1 65
<b>Early Spring.</b> A round, flat-headed cabbage, as early as Jersey Wakefield . . . . .	20	60	2 25
<b>Charleston, or Large Wakefield.</b> About a week later than Jersey Wakefield . . . . .	25	70	2 50
<b>Early Danish Round Head.</b> Earlier than Danish Ball Head; of the short-stemmed type, wonderfully solid, hard, crisp and tender . . . . .	25	70	2 50
<b>Early Winnigstadt.</b> (Grown from Prussian Prize Stock.) Those intending to plant this variety will find our strain superior in earliness, size and solidity . . . . .	20	50	1 75
<b>All Head Early.</b> A flat head, coming in with Early Summer; much larger . . . . .	20	60	2 25
<b>Early Flat Dutch.</b> We offer a remarkably fine strain; a sure, solid header . . . . .	20	55	2 00
<b>Henderson's Early Summer.</b> A most popular and superior second early sort . . . . .	20	55	2 00
<b>All Seasons (Vandergaw).</b> One of the finest, growing to a large size quickly . . . . .	20	50	1 60
<b>Henderson's Succession.</b> An excellent second early; on style of All Seasons . . . . .	20	55	2 00
<b>Louisville Early Drumhead.</b> Dark, bluish-green color; popular in the Southwest, . . . . .	20	50	1 75
<b>Fottler's Improved Flat Brunswick.</b> Large, solid heads; fine for early or late, . . . . .	20	50	1 75

## Johnson's Market Gardeners' No. 2 Cabbage

A FLAT-HEADED CABBAGE, COMING IN WITH WAKEFIELD AND PRODUCING DOUBLE THE CROP OF ANY OTHER EXTRA EARLY



JOHNSON'S MARKET GARDENERS' NO. 2 CABBAGE.

In this, the most perfect and uniform cabbage in existence, we have also the earliest and most compact of all large cabbages. It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere the very best of all large early cabbages, either for summer or winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield and one-half again as large as Early Summer, and comes in as early as Large Wakefield and fully a week earlier than Early Summer or any other variety of its size or class. When planted for a fall or winter crop there is no other cabbage which will withstand the summer sun so well and is so sure to form large, deep, solid heads which keep perfectly all winter. Choicest seed of our own selection and growth. Pkt., 15c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs. and over, \$3.00 per lb.

## Louderback's All the Year Round Cabbage

This cabbage, originated by Daniel Louderback, has for many years been the standard early round-headed cabbage with Philadelphia gardeners, who prefer it to Early Summer and similar sorts, the originator frequently getting as high as \$10.00 per pound for his seed. It is not only the finest early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. Heading large, compact and solid at all seasons. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## GENUINE DANISH BALL-HEAD CABBAGE

Seed Grown by the Originator in Denmark

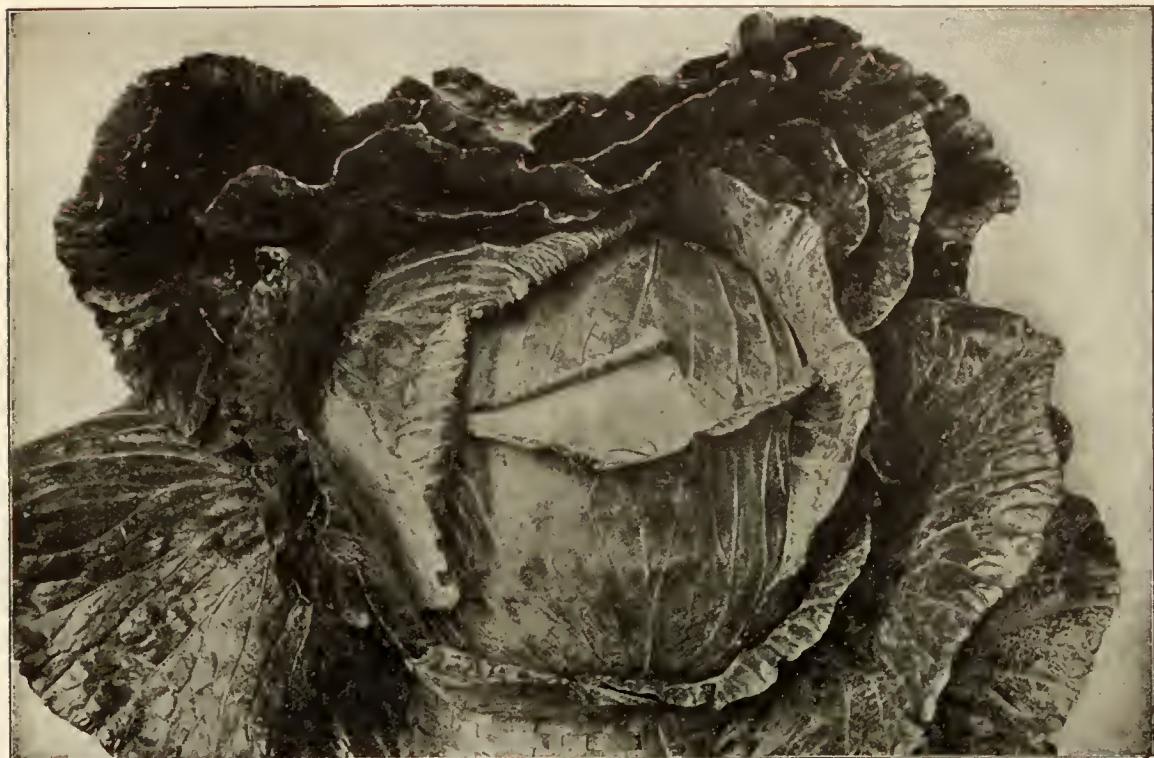
An extremely hardy imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and good seller. It is medium to late, but is generally grown as a late crop. The heads are not extra large, and without many outer leaves, so that it can be grown in close quarters. It has excellent keeping qualities, and comes out of the pit in March or April as fresh as when it was put in. It is the best cabbage to raise where it is sold per ton or by weight, as its solidity is not equalled by any other cabbage in the list. Prices: pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 2 lbs., \$3.75.

### QUICK CASH CABBAGE

JOHN H. SCHMECK, Temple, Pa., February 4, 1907, writes:—"Your Quick Cash Cabbage is hard to be excelled."



DANISH BALL-HEAD CABBAGE.



### JOHNSON'S MATCHLESS LATE FLAT DUTCH CABBAGE

The largest, handsomest, most uniform and solid of all late sorts, pronounced by experienced cabbage growers the finest strain of late cabbage in the world. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.; lb., \$2.25.

#### An Ideal List of Standard Late or Winter CABBAGES All varieties in regular large-sized packets at 10c. per packet.

**Danish Ball Head Winter.** (See cut, previous page.) Very round solid head, withstands drought and succeeds on poor soil . . . . .  
**Surehead.** (Original seed.) Strong, vigorous; very uniform; large and solid . . .  
**Rockhead Winter.** Large, perfect shape, sure header and long keeper . . . . .  
**Short Stem Drumhead.** Surpasses the old Late Drumhead, ripening earlier . . . . .  
**Large Late Drumhead.** Old favorite winter sort; valuable for main crop . . . . .  
**Premium Flat Dutch.** Largely grown for main crop; a favorite for winter market, . . . . .  
**Improved Red Dutch Erfurt.** Very hard heads; deep blood color; for pickling, . . . . .  
**Mammoth Red Rock.** Largest, hardest heading and best red cabbage . . . . .  
**Johnson's Hard Heading Savoy.** The best flavor, equal to cauliflower. See cut,

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 20	\$0 60	\$2 00
20	50	1 75
20	60	2 25
20	55	1 85
15	45	1 65
15	45	1 65
20	55	2 00
20	55	2 00
25	75	2 75

### BRUSSELS SPROUTS, or MINIATURE CABBAGE

If more widely known, the Brussels Sprout would be as popular as it is valuable; few people appreciate its full worth as a winter vegetable. The small cabbages grow on stalks in great profusion. It's not the least affected by frost, and equal to cauliflower in flavor.

**IMPROVED HALF-DWARF, or PARIS MARKET.** The most productive and hardesty variety, bearing fine, handsome, solid sprouts, growing closely on the stalk and of finest quality. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.00.

**LONG ISLAND STRAIN.** Compact sprouts, largely grown for New York markets. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.40.



JOHNSON'S HARD HEADING SAVOY CABBAGE. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.



BRUSSELS SPROUTS.



EASIEST GROWN

SUREST HEADER

JOHNSON'S ALABASTER. Pkt., 25c.; oz., \$3.25;  $\frac{1}{4}$  lb., \$11.00.Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 5c.; 1 lb., \$1.00; 5 lbs., \$4.00.

## CAULIFLOWER

One ounce will produce about fifteen hundred plants and sow about forty square feet. One-half ounces and one-half pounds furnished at ounce and pound rates.

	Per pkt.	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Johnson's Early Alabaster.</b> One of the best cauliflowers in cultivation; easiest grown, surest header and earliest. See photograph above . . .	\$0 25	\$3 25	\$11 00	\$40 00
<b>Gilt Edge Early Snowball.</b> Extra fine stock. For forcing under glass during winter and early spring, or for planting later in the open ground, . . .	25	2 25	7 00	25 00
<b>Pearl of Denmark.</b> The latest novelty from Denmark. . . .	30	5 00		
<b>Extra Early Dwarf Erfurt</b> (Extra Selected). For forcing or open ground, . . .	25	2 25	7 00	25 00
<b>Danish Dry Weather.</b> Almost as early as Snowball, with larger heads . . .	25	3 25	11 00	40 00
<b>Extra Early Paris.</b> Heads of medium size; first-class, sure header . . .	10	65	2 25	7 00
<b>Lenormand Short Stem.</b> Has very large heads; white, firm and late . . .	10	60	2 00	6 50
<b>Large Algiers.</b> Market gardeners' popular late sort; enormous size . . .	10	65	2 25	7 00
<b>Veltch's Autumn Giant.</b> Vigorous in growth, very large and late . . .	10	50	1 75	5 50

## CARROTS—For the Table and Stock Feeding

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.

All varieties in regular large-sized packets, at 5c. per packet.

	By Mail, Postpaid.		
	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Rubicon Half-Long Orange.</b> The best and most popular half-long carrot. Earlier than Danvers, heavier and thicker at the shoulders, as shown in our photograph above, making it more productive; the leaves are also shorter and finer. A wonderfully heavy cropper, producing from 30 to 40 tons to the acre under good culture. 5 lbs. and over, 80c. per lb., by freight or express . . . .	\$0 10	\$0 30	\$1 00
<b>Improved Danvers.</b> (Improved American Strain.) Top small; color rich orange; shape, <i>handsome and smooth</i> ; superior quality; valuable also to grow for feeding stock, being well adapted to all soils. 5 lbs. for \$3.25, by express . . .	10	25	80
<b>New French Market.</b> (French seed.) Fine deep orange color, beautiful, smooth, distinct, half-long shape, free from core. Heavy cropper and a great keeper, . . .	10	25	80
<b>Early Scarlet Horn.</b> (Short Horn.) Old standard and favorite early sort . .	10	25	80
<b>Ox-Heart, or Guerande.</b> Early, short, thick, very smooth and handsome . . .	10	25	70
<b>Early Half-Long Scarlet, Pointed.</b> Very productive and handsome, fine quality, . . .	10	25	70
<b>Chantenay.</b> (Stump-rooted.) Similar to the old French Nantes carrot . . .	10	25	80
<b>Saint Vallery, or Intermediate Red.</b> Rich red color; late, thick and smooth, . . .	10	25	80
<b>Long Orange.</b> (Improved.) Well-known standard sort. 5 lbs., \$2.75, by express, . . .	10	25	75
<b>Nichols' Long Orange.</b> Much earlier than old Long Orange, shorter top; color, deep orange red. Perfectly smooth. 5 lbs. and over, 65c. per lb. . .	10	25	80
<b>Large White Belgian.</b> For cattle feeding; very productive and large . . . .	5	15	50
<b>Large Yellow Belgian.</b> Differing from above in color; a fine late keeper . . .	10	20	60

**IMPORTANT  
TO CELERY  
GROWERS**

See the two fine Celeries, Johnson's XXX Strain of Paris Golden Self-Blanching and Myers' Quick-Growing White Plume, described on page 8.

## Winter Queen Celery

### The Best Late Celery

Since the introduction of this very valuable celery seven years ago, it has become the most popular of all as a late winter keeper, frequently being seen and selling at high prices in the month of May, after all other celeries are done. It is much stouter, thicker and heavier; of stocky, robust habit, with double the amount of heart of other sorts. Ribs blanch to a creamy white, solid, crisp and of nutty flavor. (See photograph.) Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.; lb., \$2.50.

## Johnson's Perfected White Plume Celery

### The Earliest Celery

Easiest to grow as it blanches without even earthing up. Our extra selected and perfected market garden strain is entirely free from green celery found in most other strains of this important sort. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

**IF UNDECIDED what to select, with no time to wade through the catalogue, TURN TO PAGE 19. You will find a list of STANDARD VARIETIES GUARANTEED TO GIVE SATISFACTION FOR AN AVERAGE GARDEN.**



WINTER QUEEN CELERY. The best late or winter keeper.

### The Best of the Standard CELERIES

One ounce will produce about 2500 plants and sow about 200 feet of row. Large packets, 10 cents each, except where noted.

**Johnson's Golden Self-Blanching (American Seed).** Many gardeners are planting their entire crops with our superior strain of this variety . . . .  
**Johnson's New Cremona.** Sport from Winter Queen; fine late keeper; easily grown,  
**Giant Pascal.** Popular green sort, very brittle, crisp and nutty in flavor; pkt., 5c.,  
**New Columbia.** (Novelty, 1907.) Early, showy, and superior quality. Stalks  
 resemble in shape Giant Pascal, with rich yellow tint of Golden Self-Blanching,  
**Perle le Grand.** Popular, large, green celery, for early and late use; pkt., 5c. . .  
**Golden Dwarf, or Golden Heart.** Fine, large, solid, waxy-golden heart; pkt., 5c.,  
**Perfection Heartwell.** Large heart; superior quality; excellent for winter; pkt., 5c.,  
**Schumacher.** Immense size; solid, crisp; firm golden-yellow heart; late keeper .  
**Fin de Siecle.** A fine selection from Schumacher; fine keeper and shipper . . .  
**Giant White Solid.** Of tall, large size; very solid, pure white; pkt., 5c. . . .  
**Soup or Flavoring Celery.** (Old Seed.) Used for flavoring soups, stews, etc. . . .  
**CELERIAC, or Turnip-Rooted Celery.** Extra Large Smooth Prague. Pkt., 5c.,

#### By Mail, Postpaid

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 35	\$1 00	\$3 50
25	75	2 50
15	45	1 75
50	1 35	4 75
15	50	1 75
15	50	1 75
15	50	1 75
15	50	2 00
20	60	2 00
15	50	1 60
5	10	25
15	40	1 50

## CHIVES

Hardy and perennial members of the onion family, grown exclusively for their tops. Roots, per bunch, 25c., by mail, postpaid.

## COLLARDS (COLEWORT)

Largely used as "greens," especially in the South. A form of the cabbage, bearing new leaves as the old ones are pulled off.

**GEORGIA.** Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

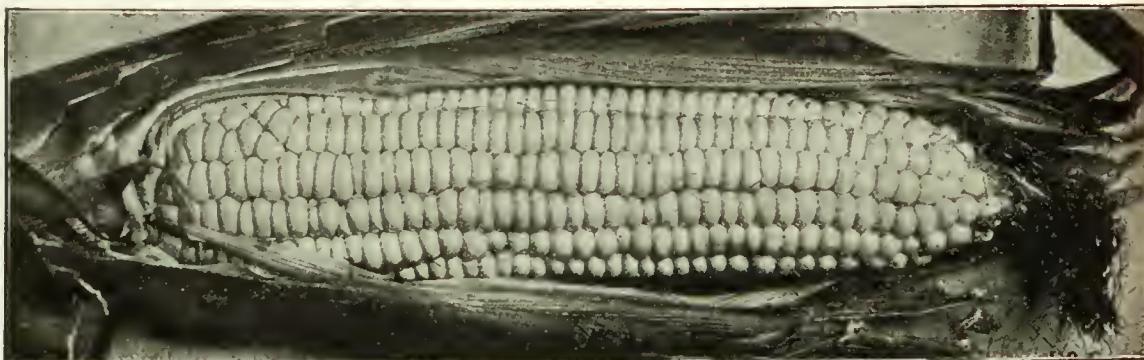
## CRESS

**EXTRA CURLED.** (Pepper Grass.) Fine flavor; will cut several times. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**TRUE WATER CRESS.** Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 90c.; lb., \$3.25.

## CORN SALAD, or FETTICUS

**BROAD LEAVED (LARGE SEEDED).** A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 65c.



## MAMMOTH EARLY EPICURE

### The Standard Second Early Sugar Corn for Market

Comes in a week after the earliest sorts, with larger ears, 8 to 10 inches long, with 10 to 12 rows of large, deep, white grains of rich sugary flavor. Price, pkt., 10c.; pint, 20c.; qt., 35c.; postpaid.

### ABOUT SWEET CORN

At the time of going to press the reports from our growers as to the crop of Sweet Corn are exceedingly unfavorable. The crop (especially of the late varieties) is so uncertain, and in many cases an entire failure, that it is almost impossible to form any estimate of the yield. We therefore quote in small quantities only, and ask that you kindly write for quotations on your larger requirements, as all prices are variable with the market.

Varieties of Sweet Corn are arranged in the order of maturity. Large packets, 10c. each.	Postpaid.	By Express (not Prepaid)	
	Pint.	Qt.	Qt.

### STANDARD EXTRA EARLY VARIETIES

Adams' Extra Early. Not sugar corn; small ears for early use . . .	\$0 20	\$0 35	\$0 25
Buck Mountain. Resembles Burlington Hybrid, earlier and smaller ears; valuable only for early market . . . . .	20	35	25
Burlington Hybrid. Most profitable for market; resembles sweet corn; nearly as early as Adams', with ears as large as Evergreen, Peep o' Day. Very early, sweet and productive . . . . .	20	35	25
Peep o' Day. Very early, sweet and productive . . . . .	20	35	25
New White Mexican. White and early, quality similar to the old Black Mexican . . . . .	25	40	30
Golden Bantam. Hardy and sweet, dry, grains deep yellow color, . . . . .	25	40	30
Early Cory, or First of All. Very early, with fair-sized ears . . . . .	20	35	25
Holmes' Premo. Large ear; 60-day corn; very sweet and hardy . . . . .	25	40	25
New Mammoth White Cory. A selection from the old White Cory, which it has displaced; fully as early, with larger ears, . . . . .	20	35	25
New Early Champion. Ripens ahead of Crosby's; larger ears . . . . .	20	35	25
Kendel's Early Giant. Large, handsome ears; ready in 70 days . . . . .	20	35	25
Crosby's Extra Early. Fair-sized ears; of excellent quality . . . . .	20	35	25
Perry's Hybrid. Very early and of large size; valuable for market, . . . . .	20	35	25

### SECOND EARLY, or INTERMEDIATE VARIETIES

Potter's Excelsior, or Squantum. Ears large and well filled out, . . . . .	20	35	25
Shaker's Early. Very large, white grain; early and productive . . . . .	20	35	25
Stabler's Early. Grains deep, of fine quality; fine for market . . . . .	20	35	25
The Honey. Husks and stalks deep red color; ears cream white . . . . .	25	40	30
New Early Evergreen. Ears as large as Stowell's; 10 days earlier, . . . . .	25	40	30
Early Mammoth, or Asylum. Much earlier than Late Mammoth, . . . . .	25	40	30

### LATE, or GENERAL CROP VARIETIES

Country Gentleman. One of the sweetest of all for home table . . . . .	25	40	30
Ziz-Zag Evergreen. Good-sized ears, deliciously sweet . . . . .	25	40	30
Shoe Peg, or Ne Plus Ultra. Small ears, with very irregular rows, . . . . .	25	40	30
Stowell's Evergreen. Original stock as introduced by Mr. Stowell, . . . . .	25	40	30
Late Mammoth. The largest ears of all; rich, sweet and superior . . . . .	25	40	30

**Queen's Golden.** Per pkt., 10c.; pint, 20c.; qt., 40c., postpaid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 7c. per lb., by freight or express.

**Mapledale Prolific, White Rice and Silver Lace.** Per pkt., 10c.; pint, 20c.; qt., 35c., postpaid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express. **Special prices for larger lots.**

**POP  
CORN**

**A REQUEST** with your order will bring Johnson's Leaflet Essays, telling you how to grow and cultivate the seeds you buy. **Most helpful to the home gardener.** See page 20.

Write for prices in larger quantities. Crop very uncertain.  
See Note above.



JOHNSON'S IMPROVED ARLINGTON WHITE SPINE. The most profitable cucumber for market, shipping or home use.

### Johnson's Improved Arlington White Spine Cucumber—Extra Select

A marked improvement over all other strains of White Spine. The vine is very hardy, and its earliness has been developed until the first fruit is ready for shipment a week or more in advance of any of the old White Spines. The color is a clear, rich green, brilliant and permanent to an extraordinary degree. Its shapely form is well shown in our photograph above. In productiveness it ranks first, the cucumbers being set in profusion, close to the hill, and of unequalled symmetry and uniformity. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00, postpaid; by express, lb., 85c.; 5 lbs. and over, 80c. per lb.

### CUCUMBERS

One ounce will plant about fifty hills, two pounds will plant one acre.  
Large packets, 5c. each.

	By Mail, Postpaid.		
	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Peerless, or Improved White Spine.	\$0 10	\$0 20	\$0 60
Evergreen White Spine.	10	25	70
Arlington White Spine.	10	25	80
Coy's Early Cyclone.	10	25	85
Johnson's Hot-House Forcing.			
Seed from hot-house-grown cucumbers. Something extra good; equally valuable for growing outside.	45	1 35	4 75
Davis' Perfect.	10	20	60
For forcing or outdoors. Very productive, handsome shape and color	15	40	1 20
New Klondike.	10	25	80
Early Frame, or Short Green.	10	20	65
Westerfield's Chicago Pickle.	10	20	70
Nichol's Medium Green.	10	20	65
Green Prolific, or Boston Pickling.	10	20	65
Improved Long Green. (Jersey Pickle.)	10	20	75
Johnson's Perfected Jersey Pickle.	10	25	85
New Cumberland.	10	20	70
Fordhook Pickling.	10	25	80
Giant of Pera.	10	25	85
West India Gherkin, or Burr.	10	30	1 00



OLD ARLINGTON WHITE SPINE CUCUMBER.



JOHNSON'S PERFECTED JERSEY PICKLE.



NEW EARLY BLACK BEAUTY EGG-PLANT.

### Endive

One ounce will sow fifteen feet of drill and will produce about three thousand plants.

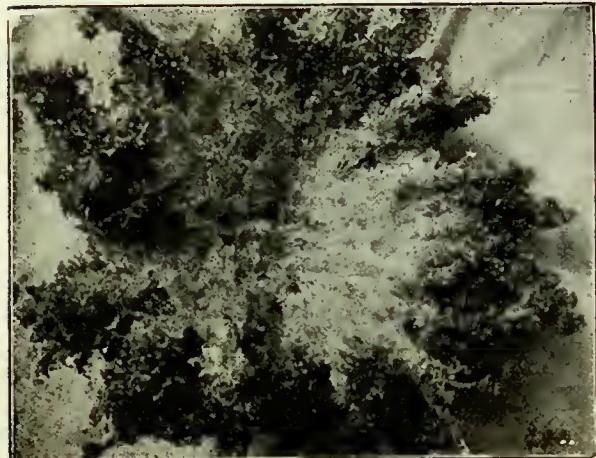
**MAMMOTH GREEN CURLLED.** Superior to the old Green Curled. Leaves are very crisp, tufty and full. Mid-rib is pure white, with large, white heart, fleshy and tender. Equally suitable for spring, summer or autumn planting. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

**GIANT FRINGED, OR "OYSTER" ENDIVE.** A very handsome variety, largely used in Philadelphia and other Eastern cities to decorate the display of oysters during winter in restaurants and oyster houses, hence its distinctive name. By tying up the centre, can be easily blanched. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**EVER WHITE CURLLED.** A beautiful variety; mid-rib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**BROAD-LEAVED (Escarole).** Large and sweet, blanched as salad. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35.

**NEW BERLIN GIANT ENDIVE.** With market gardeners who tested it the past seasons this new German Endive has proven to be by far the largest in cultivation, even excelling our Mammoth Green Curled, which it resembles in form and leaves, but of greater size. No other endive compares with the New Berlin Giant in large size and handsome appearance. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



NEW BERLIN GIANT ENDIVE.

### EGG PLANT

See our new Egg Plant, "NORTHMOUNT," described and illustrated on page 9.

**CULTURE.**—Sow in hot beds very early in spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to four inches apart. Do not plant out until weather has become perfectly settled and warm. Cool nights or wet weather will check them. Set out plants 3 feet by 2. One ounce will produce about 1,000 plants.

**EARLY BLACK BEAUTY EGG PLANT.** This is the earliest and best market and family sort of all the large variety egg plants. It is fully ten days earlier than the New Jersey Improved Large Purple, and sets its large, handsome fruit very freely, branching near the ground and growing into well-rounded bushes. Its fine fruits are thick and most perfect in form, as shown in the illustration. The skin has a satiny gloss and is of a rich, lustrous, purplish black. Plants bear from ten to twenty perfect, large, uniform fruits, which do not turn gray even after becoming fully ripe, and the entire crop can be gathered before frost. Price, per pkt., 10c.; per oz., 50c.; per  $\frac{1}{4}$  lb., \$1.65; per lb., \$6.00.

**NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM.** In the great markets of New York and the North the finest egg plants seen are those produced in New Jersey. The New Jersey Improved is a decided improvement on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large, oval and of a fine deep purple—never red or yellow; flesh white, tender and superior. Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.65; lb., \$6.00.

**NEW YORK IMPROVED LARGE PURPLE SPINELESS.** A standard leading market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; very productive. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.75.

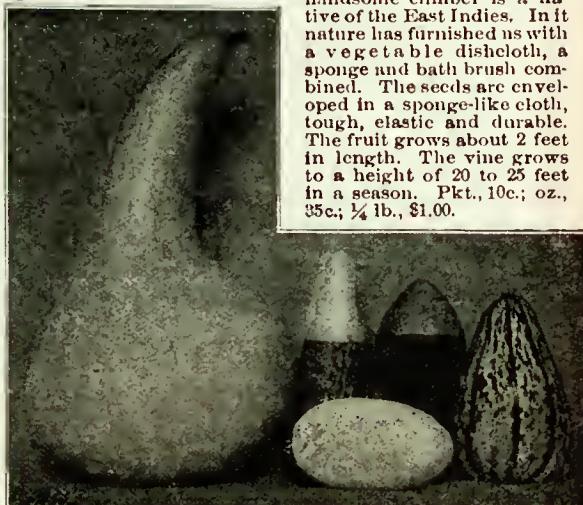
### Dandelion

**IMPROVED LARGE, OR THICK LEAVED.** A very early and healthful spring salad. Sow early in drills eighteen inches apart. Pkt., 10c.; oz., 55c.;  $\frac{1}{4}$  lb., \$1.50.

### Gourds

The most useful for household and farm purposes.

**LUFFA, or DISHCLOTH.** This remarkable and handsome climber is a native of the East Indies. In its nature has furnished us with a vegetable dishcloth, a sponge and bath brush combined. The seeds are enveloped in a sponge-like cloth, tough, elastic and durable. The fruit grows about 2 feet in length. The vine grows to a height of 20 to 25 feet in a season. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00.



DIPPER GOURD. NEST-EGG. ORNAMENTAL.

**DIPPER.** Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**JAPANESE NEST-EGG.** These exactly resemble the eggs of hens, making a capital nest-egg; superior to glass eggs, as they do not break, and are uninjured by cold or wet. A rapid-growing climber. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**SUGAR TROUGH.** Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each; plant grows rapidly. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**FINE MIXED ORNAMENTAL.** A collection of the most ornamental, beautifully colored, mottled and striped, and including all the above. Pkt., 10c.; 8 pkts., 25c.; oz., 40c.



HORSE RADISH ROOTS.

### Horse Radish

Horse radish is grown from young roots or sets, which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. **Common variety** roots, per dozen, 20c.; per 100, 75c., postpaid (50c. per 100; \$3.00 per 1,000, by express). Write for special prices in large lots.

### Maliner Kren

A New Horse Radish from Bohemia

This new sort was brought from Bohemia by Mr. Fairchild, Agricultural Explorer for the office of Plant Introduction of the United States Department of Agriculture.

The roots grow to a very large size, perfectly white, and suited to almost any soil. Roots set in April will yield a

large crop in October. Grows much more rapidly than the old variety, and its flavor is the very best; especially is the difference noticeable in early fall, when the old variety would be too green for use. It is a profitable crop for the farmer, and should be planted in every home garden, as it can be grown as easily as potatoes or corn, simply by sticking down the cuttings in rows, cultivating same as cabbage and plow out in the fall or spring, same as potatoes, parsnips or carrots. **SMALL ROOTS**, ready for planting: 25c. per dozen, or \$1.50 per 100, by mail, postpaid. By express or freight, not prepaid: Roots of larger size, \$1.00 per 100; \$7.00 per 1,000.

### Garlic

The sets should be planted in spring. Cultivate same as onions. Sets, per  $\frac{1}{4}$  lb., 15c.; 1 lb., 40c., postpaid; by express, 1b., 30c.; 10 lbs. and over, 25c. per lb.

### Kale—Borecole

One ounce will produce about two thousand plants.

**JOHNSON'S NEW IMPERIAL, or LONG STANDING.** A beautifully curled and crimped sort. Of strong, vigorous habit, perfectly hardy, bright green color and very attractive appearance. Superior to all other sorts, and will stand longer without shooting to seed. Height, 2 feet. Pkt., 10c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; 1 lb., 60c.

**EXTRA DWARF, or SOUTHERN GREEN CURLED SCOTCH.** This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy, and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color, beautifully curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; 1 lb., 75c.

**PHILADELPHIA GREEN CURLED SCOTCH.** A favorite with Northern gardeners, growing about 2 feet in height and harder than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; 1 lb., 60c.

SEND FOR IT

MAILED FREE

IF INTERESTED IN POULTRY, PIGEONS OR BEES

### JOHNSON'S POULTRY SUPPLY CATALOGUE

IS FULL OF UP-TO-DATE SUGGESTIONS

WE CARRY THE LARGEST LINE OF

Poultry, Dairy and Bee Supplies  
IN THE EAST

### Kohl-Rabi or Turnip-Rooted Cabbage

Thls is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. The bulb is formed above ground, and, if used when young and tender, makes a most delicate dish for the table. One ounce will sow one hundred and fifty feet of drill.



SMOOTH WHITE SHORT-LEAVED—THE BEST KOHL-RABI.

### New Smooth White Short-Leaved

After several years' comparative tests, we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and the best for forcing as well as for outside growth. Bulb is greenish white, beautiful smooth shape and of the very finest texture and quality. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 90c.; 1b., \$3.25.

**NEW SMOOTH PURPLE.** Very Short-Leaved. Like the preceding except in color. An extra fine purple. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 90c.; 1b., \$3.25.

**EARLY WHITE VIENNA.** Small bulb, early. Flesh tender and white. Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; 1b., \$2.50.

**EARLY PURPLE VIENNA.** A little later; color bluish-purple. Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; 1b., \$2.50.

### LEEK

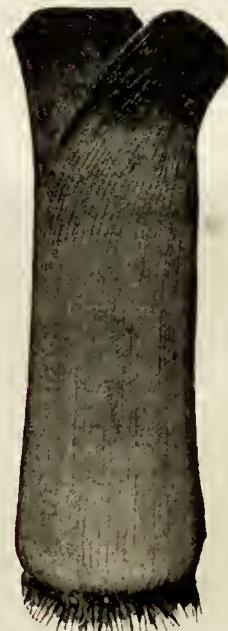
One ounce will sow one hundred feet of drill, and produce about one thousand plants.

**NEW GIANT ITALIAN.** This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor; extremely hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. It is by far the best leek that can be grown either for the market or home use. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; 1b., \$1.50.

**LARGE AMERICAN FLAG.** Previous to our introduction of the Giant Italian, this was the favorite variety. Very fine and large. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; 1b., \$1.25.

**CARENTAN, or SCOTCH CHAMPION.** (Musselburg.) A large variety from Scotland, growing rapidly and very hardy. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; 1b., \$1.35.

**LONDON FLAG.** Popular old sort. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; 1b., \$1.00.



GIANT ITALIAN LEEK.

# THE CREAM OF THE LETTUCES



HARVESTING THE SEED FROM A FIELD OF OUR MAMMOTH SALAMANDER LETTUCE. See head next page.

## Cabbage or Heading Varieties of LETTUCE

One ounce will sow about one hundred square feet and produce three thousand plants.

All varieties in regular large-sized packets at 5c. each per packet.

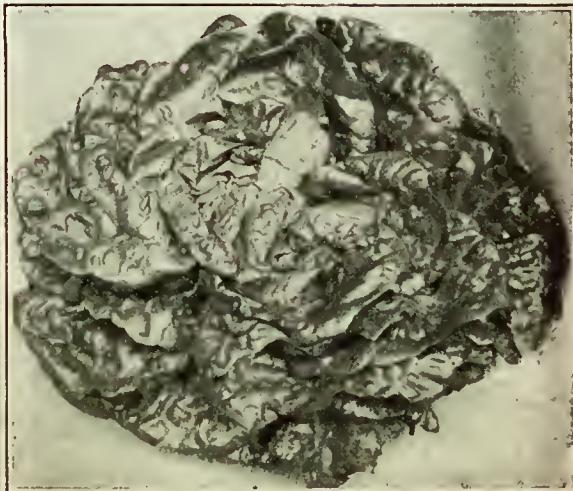
**White-Seeded Tennis Ball, or Boston Market.** A well-known forcing sort . . .  
**Arlington Tennis Ball.** Improved strain; saved from plants started under glass,  
**Johnson's Hot-House.** Double the size of Tennis Ball; never rots . . . .  
**Myers' "All Right."** Equally valuable for forcing or open ground planting . . .  
**Reichner's Early White Butter.** Large, solid; fine for forcing or open ground,  
**Big Boston.** A fine strain for forcing or open ground; very large, solid heads . . .  
**Johnson's Summerlead.** Large, handsome yellow heads of perfect quality . . .  
**Holyrood Hot Weather.** Seed offered for first time. See Novelties, page 10. Pkt., 10c.  
**Golden Gate.** Immense solid heads, crisp, tender; sure header; resists heat . . .  
**Mongolian.** A new variety from Asia, valuable for spring and fall planting,  
**Copperhead.** Large, solid light brown outside, shading to light pink inside . . .  
**Giant Glacier.** Large, light green heads; leaves crimped like Savoy Cabbage,  
**Sensation.** Forms a solid head before half grown; light yellowish green . . .  
**Silver Ball.** Head white, solid, firm; splendid for spring and summer use . . .  
**Philadelphia Dutch Speckled Butter.** Fine large heads of excellent quality . . .  
**Hornberger's Dutch Butter.** Improvement on Dutch Butter; private stock . . .  
**White Russian Summer.** Very large, handsome heads; fine for open ground,  
**California Cream Butter, or Royal Summer Cabbage.** Fine, solid heads . . .  
**Salamander.** Old sort. Fine compact heads, which resist heat admirably . . .  
**Deacon.** A large, solid cabbage lettuce for summer; heads light green outside . . .  
**Nansen, or North Poie.** Style of Deacon; ten days earlier, very hardy . . . .  
**New York (Wonderful).** Large, dark green heads; used only as a summer sort,  
**Improved Hanson.** Very large, solid and of fine quality; withstands the hot sun,

By Mail, Postpaid.

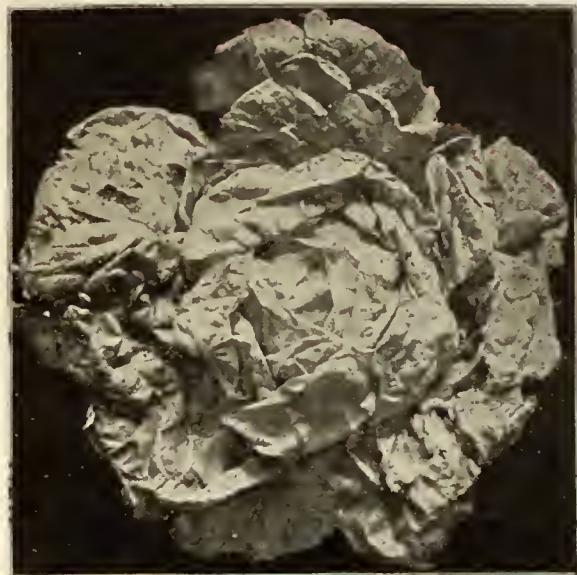
Per oz.	1/4 lb.	Per lb.
\$0 10	\$0 30	\$1 00
20	50	1 60
20	50	1 75
15	45	1 50
15	35	1 25
15	40	1 50
20	60	1 75
35	1 00	3 50
20	45	1 50
20	45	1 50
20	50	1 75
15	45	1 50
15	45	1 50
15	35	1 10
15	35	1 25
20	60	1 75
15	35	1 10
15	30	1 00
15	35	1 25
15	35	1 25
15	40	1 40
15	35	1 25
15	35	1 15



Photograph of head of MYERS' "ALL RIGHT" LETTUCE.  
Pkt., 5c.; oz., 15c.; 1/4 lb., 45c.; lb., \$1.50.



JOHNSON'S SUMMERLEAD. Best to stand heat. Pkt., 5c.;  
oz., 20c.; 1/4 lb., 60c.; lb., \$1.75.



### Mammoth Salamander Lettuce

In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is the result of many years' careful selection and breeding by a Philadelphia market gardener, whose main crop is lettuce. Owing to its handsome appearance and fine quality, it is to-day the most rapid seller in New York and Philadelphia markets. Pkt., 10e.; oz., 20c.;  $\frac{1}{4}$  lb., 55e.; lb., \$1.85.



### Big Boston Lettuce

A fine forcing variety for cold frames during the winter months, as it produces heads of *very large size*, and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground. Per Pkt., 5c.; oz., 15e.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

### Early May King Lettuce

Fine for early spring planting in the open ground. Round, compact, solid heads, green and tender. Pkt., 5e.; oz., 15c.;  $\frac{1}{4}$  lb., 40e.; lb., \$1.50.

### LETTUCE—Curled or Loose Leaved Varieties

All varieties in regular large-sized packets, at 5c. per packet.

	By Mail, Postpaid.		
	Per oz	$\frac{1}{4}$ lb.	Per lb.
Grand Rapids.	\$0 15	\$0 45	\$1 50
Black-Seeded Simpson.	15	35	1 25
Early Prize-Head (Brown Cabbage).	15	35	1 25
Early Curled Silesian.	15	35	1 25
New Trianon Cos., or Celery Lettuce.	15	45	1 50
when bleached are stiff like celery stalks, and can be eaten in the same manner,			
Lettuce—American Varieties Mixed.	15	35	1 25
giving a succession of fine lettuce the whole season in the home garden . . .			



### New Morse Lettuce

This excellent new curled lettuce might be called an improved Black Seeded Simpson, except from the fact that the seed is white. It grows to large size. The outer leaves are light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly, is very early and of delightful flavor, being very crisp and tender. Pkt., 5e.; oz., 15e.;  $\frac{1}{4}$  lb., 35e.; lb., \$1.25.

### Market Gardeners, Farmers' Clubs and Institutions

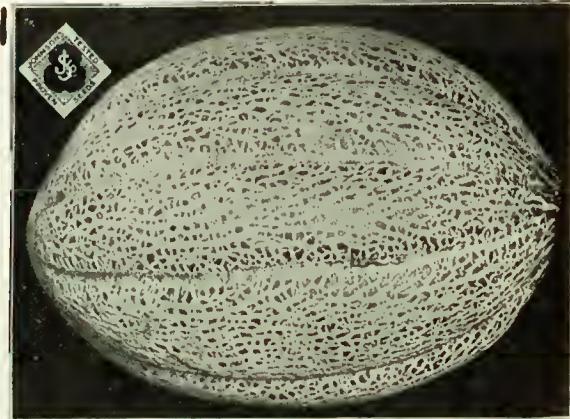
wanting to purchase seeds in large quantities should write for special prices. Although we have made prices very low in this catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities wanted, and we will return promptly with our LOW-EST COST PRICE.



**McCleary's Improved Jenny Lind Muskmelon**

The earliest strain of Jenny Lind. Very productive, uniformly good size. Roughs up better and keeps longer than other strains. Seed grown by our old friend, John McCleary, the originator.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.



**New Sweet Home Muskmelon**

Very large, early, with unusually thick green flesh of the most delicious quality. While not a long-distance shipper, there is no other melon that will sell better in home markets.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## MUSKMELONS OR CANTALOUPES—A SELECT LIST

One ounce will plant about seventy hills, three pounds will plant one acre.

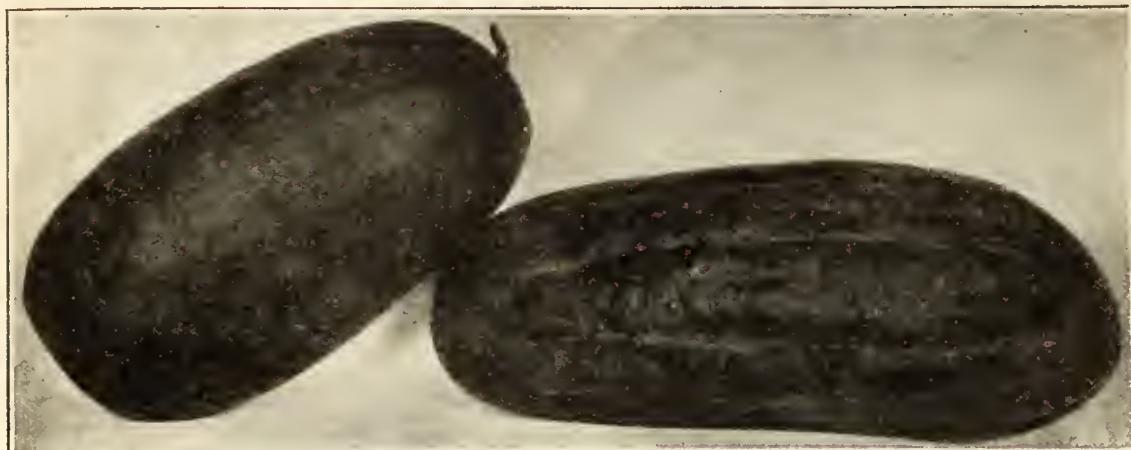
All varieties in large-sized packets at 5c. each, except where noted.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.	By Mail, Postpaid.
<b>Early Jenny Lind.</b> Small, early; light green flesh; fine for early market . . . . .	\$0 10	\$0 30	\$0 90	
<b>Extra Early Prize.</b> One of the earliest. Profitable for the market . . . . .	15	35	1 15	
<b>Jersey Belle.</b> Larger than Jenny Lind; green flesh; best for light soils . . . . .	10	30	1 00	
<b>Johnson's Dreamwold.</b> Novelty for 1907. See page 13. Pkt., 10c. . . . .	25	75	2 50	
<b>Anne Arundel.</b> Shape of Aene; much larger in size; thick green flesh . . . . .	10	30	90	
<b>Paul Rose, or Petoskey.</b> (New.) Cross of Osage with Netted Gem. Early; nearly round; thick salmon-colored flesh; a fine shipper and long keeper . . . . .	10	30	90	
<b>Norfolk Button.</b> (New.) Very early and prolific; thick, sweet, green flesh . . . . .	10	30	1 00	
<b>Rocky Ford.</b> Largely grown in Colorado for shipment; oblong in shape; sweet, green flesh. 5 lbs. and over, 70c. per lb., by express or freight . . . . .	10	25	85	
<b>Burrell's Gem.</b> A golden-fleshed Rocky Ford. See page 12. Pkt., 10c. . . . .	25	60	2 00	
<b>Improved Shippers' Delight.</b> New, fine, early. Good shipper. Distinct shape, Netted Gem. (Golden Jenny.) Early; small, nearly round and of fine flavor, . . . . .	10	30	1 00	
<b>Tip-Top Nutmeg.</b> Slightly oval; grows to good size; sweet, yellow flesh . . . . .	10	25	85	
<b>Large Hackensack, or Turk's Cap.</b> Large, round; flattened; green flesh . . . . .	15	35	1 15	
<b>New Early Hackensack.</b> Ten days earlier than Hackensack, which it resembles, . . . . .	15	35	1 25	
<b>Emerald Gem.</b> Small, early, productive; sweet salmon flesh, deep green skin, . . . . .	15	35	1 25	
<b>Red-Fleshed Osage, or Miller Cream.</b> Medium size; globe shape; very sweet, . . . . .	10	30	1 00	
<b>New Green-Fleshed Osage.</b> One of the best of green-fleshed sorts . . . . .	10	30	90	
<b>New Melrose.</b> Very hardy, dark green, oval shape; very superior quality . . . . .	15	35	1 15	
<b>Long Island Beauty.</b> The best of the Hackensack type; very early; fine quality, . . . . .	15	40	1 35	
<b>The Banquet.</b> Globe-shaped; densely netted; dark, very rich salmon flesh . . . . .	15	35	1 15	
<b>Bay View.</b> Very prolific and of good size; oblong; green flesh; quite late . . . . .	10	30	1 00	
<b>Improved Montreal Nutmeg.</b> Large, round, netted; flesh thick and light green, . . . . .	15	40	1 40	
<b>Acme, or Baltimore.</b> Early; oblong; pointed; light green flesh; a fine shipper, . . . . .	10	30	90	



**A crate of ROCKY FORD MELONS.** Johnson's selected strain, as they appear in Eastern markets. This melon has become world-famous for its captivating flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c. postpaid; 5 lbs., \$3.50, by express.

## FOUR FAMOUS WATERMELONS



THE KLECKLEY SWEETS WATERMELON.

NEW HALBERT HONEY WATERMELON.

**THE KLECKLEY SWEETS WATERMELON**

This famous "sweetest of all" watermelons has become very popular. Of superb luscious flavor; very fine grained and tender meat. The fruits are of large size, of form shown in above photograph. The rind is very thin and brittle, splitting ahead of the knife when cutting. They ripen early and are very desirable for the home garden. Price, per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10.

**THE HALBERT HONEY WATERMELON**

This melon originated in Texas, and is one of the best for private use or nearby markets. The rind is thin, and will not hold for shipping any great distance. The beautiful crimson flesh has scarcely any pulp, and is very sweet. It is long, dark green, and runs from 20 to 30 inches in length. It uniformly demands the highest price. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**BLACK BOULDER—The Great Shipping Watermelon**

For this grand new and distinct watermelon we are indebted to the late Aaron Paul. It is enormously productive, reaching a mammoth size. It cuts equal to any market shipping melon we have ever eaten; its shipping qualities are phenomenal, no other melon equaling it in tough green skin and rind. It is one of the best "all round" melons in existence; for the family garden is also without a peer. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**GENUINE JOHNSON'S DIXIE WATERMELON**

The true Johnson's Dixie is a cross between the Kolb Gem and Old Fashioned Mountain Sweet, and surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet, Kleekley and Florida Favorite in superior eating quality, and is **ten days earlier** than any of them. Its great productiveness is shown from the fact that it frequently matures **six to eight large melons** to the vine. Owing to the great popularity of this variety, another and much inferior melon is frequently substituted and sold for it. If you want quality and genuine seed, send to the **Johnson Seed Company**. Price, per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**EXTRA SELECTED STOCK SEED.** From picked melons. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.



BLACK BOULDER WATERMELON.

GENUINE JOHNSON'S DIXIE WATERMELON.



Specimen of PAUL'S BONNY BEST—Ripened in 62 days.

### Paul's Bonny Best Watermelon

The earliest watermelon in cultivation. It originated with the late Aaron Paul, the famous New Jersey melon grower and hybridizer. Will produce melons weighing 15 to 20 lbs. each in from 60 to 70 days. Flesh red, deliciously sweet, with but few seeds. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

### The Bradford Watermelon

A fine oblong shipping melon with dark green skin. Flesh is very sweet, dark red in color; seeds small and nearly white, flecked with a brown spot on each side.

Under good cultivation they grow to very large size, frequently weighing from 40 to 60 lbs. and commanding the very highest prices in any market. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

### Standard WATERMELONS with Real Merit

One ounce will plant about fifty hills and four pounds will plant one acre.

Large packets of any variety, 5c each. In 5-lb. lots and over, 10c per lb. may be deducted.

**Fordhook Early.** Very early; good size; medium green, red flesh of fine quality, **Early Jumbo.** Round; of large size; dark green skin; extra good quality **Dark Icing.** Early, round, solid, with thin dark green skin; of superior quality, **Light Icing, or Ice Rind.** Round in form like the above; flesh of fine quality **Triumph.** New Southern variety. Very large; dark green, superior flavored, red flesh; one of the most successful for shipping, bringing the highest prices, **Cherokee Beauty.** Long, large, dark skin, striped with black. Sweet; good shipper, **Gray Monarch, or Long White Icing.** Very large, long; crimson flesh . . . **Black Diamond.** Large, round; skin dark green; tough; red flesh, fair quality, **Sweet Heart.** Mottled light green; large, oval, heavy; red flesh; fine shipper, **Alabama Sweets.** A grand new shipping melon; equal to Icing, Kleckley and Florida Favorite in luscious quality; long, dark green, continuous bearer . . . **McIver's Wonderful Sugar.** Resembles Old Rattlesnake, superior in quality . . . **Cuban Queen.** Early, solid and heavy; skin striped dark and light green . . . **Kolb Gem.** Very large; flesh red; a good shipping sort; popular in the South . . . **Blue Gem, or Iceberg.** A blue Kolb Gem, better quality; desirable for shipping, **Florida Favorite.** A superior strain; large, oblong, striped; luscious red flesh, **Scaly Bark.** Very large; dark green; light crimson flesh of good flavor . . . **Gypsy, or Georgia Rattlesnake.** Oblong, dark and striped; bright red flesh . . . **Colorado Preserving Citron.** (Green seed.) Also called Apple Pie; for preserves, **Green Citron.** (Red seed.) Round and handsome; for preserving only . . .

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 65
10	25	80
10	20	65
10	25	65
10	25	65
15	35	1 10
10	25	75
10	20	65
10	20	65
10	20	60
10	25	90
10	25	75
10	20	55
10	20	60
10	20	65
10	25	75
10	20	65
10	25	75
10	20	60
10	20	55



MUSHROOMS MEASURING OVER SIX INCHES ACROSS, GROWN FROM JOHNSON'S ENGLISH MILLTRACK SPAWN.

### RELIABLE MUSHROOM SPAWN

The culture of mushrooms is increasing enormously. They used to be considered a luxury, but now all restaurants and hotels have them daily on their menus, and they are very largely required in household use. They can be grown successfully in cellars, in barns and stables, or other buildings that perhaps are standing idle. They are the most profitable crop for the outlay that can be grown. We send practical working directions with each order for spawn.

### JOHNSON'S ENGLISH MILLTRACK MUSHROOM SPAWN

Our celebrated English Milltrack brand (made by the best maker in England specially for our trade) has gained an enviable reputation among growers for its uniform good quality, and can be thoroughly relied upon to produce a good crop. Per brick, 1 $\frac{1}{2}$  lbs., 15c. (bricks, postpaid, 25c.); 10 lbs. 80c.; 25 lbs., \$1.50; 100 lbs., \$5.75; 1,000 lbs. and over, 5 $\frac{1}{2}$ c. per lb. (250 lbs. sold at 1,000-lb. rate).

### PURE CULTURE MUSHROOM SPAWN—AN AMERICAN PRODUCT

A very superior article, made in this country from carefully selected spawn, which, it is claimed, is much more vigorous than the imported. Price, 25c. per brick (brick postpaid, 35c.); 5-brick lots, 22c per brick; 10-brick lots, 20c. per brick; 25-brick lots, 18c. per brick; \$12.00 per 100 lbs.

## MUSTARD

One ounce will sow about seventy-five feet of drill.

**Southern Giant Curled.** Highly esteemed in the South, where the seed is sown in the fall, and used in the spring as a salad. Our stock is the true curled leaf, and produces plants 2 feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**New Chinese.** Leaves twice the size of the ordinary White Mustard, crimped like a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves are eaten boiled like spinach, and the plants will continue to yield until frost sets in. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**White London.** The old sort, used for salads and flavoring. Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

**Black or Brown.** Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.

## MARTYNIA

**Martynia Proboscidea.** The best and most productive variety for pickling. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## NASTURTIUM—Indian Cress

**Tall.** The best for pickling seed pods, or garnishing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Dwarf Mixed.** A trailer requiring no support. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

## OKRA—Gombo

One ounce will plant one hundred hills.

### Kleckley's Favorite Okra

A new sort, growing 2 $\frac{1}{2}$  to 3 feet in height. The pods are white and smooth, about 6 inches in length by 1 $\frac{1}{2}$  inches in diameter, *exceptionally tender and fleshy*. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**White Velvet.** This distinct and beautiful new okra was originated in Georgia. The pods are very large; perfectly smooth; never prickly; round, not ridged or square as in other okras. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



### NEVER FOUND THEM FAIL

MRS. MARY LEPIEN, Bement, Ill., February 16, 1907, writes: "Have used your seed for the past nine years and have yet the first time to find them fail. I also get more for the money than from any other house."

### ALL TRUE TO NAME

WM. T. MERRILL, Rising Sun, Md., August 25, 1907, writes: "Your seeds are all true to name. I shall be your customer as long as I remain in the garden and truck business."

### BEST I EVER PLANTED

JOHN D. SCHOFIELD, Pomona, N. J., writes, June 17, 1907: "I am well pleased with the fair and honorable manner in which you have dealt with me. Your seeds are clean, pure, and of first-class vitality; they are the best I ever planted."

### NEVER GOT SO MANY EXTRAS

WM. H. MEEK, Mimosa, Ark., writes: "I have just received the seeds from you and consider my purchase the biggest bargain in my life. I never got so many extras, and I have bought from many seedsmen."

## PERKINS' MAMMOTH LONG PODDED OKRA



PERKINS' MAMMOTH LONG GREEN PODDED OKRA.

This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within 3 inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, 8 to 9 inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c., postpaid; by freight or express, lb., 55c.; 5 lbs. and over, 50c. per lb.

### Lady Finger.

Fine new variety from the South. Very productive of extra long slender pods of fine round form, white and smooth. If used in its early state of growth, it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Dwarf Green Prolific, or Density.** A distinct variety, growing about 14 inches in height. Very productive of fine, smooth pods. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

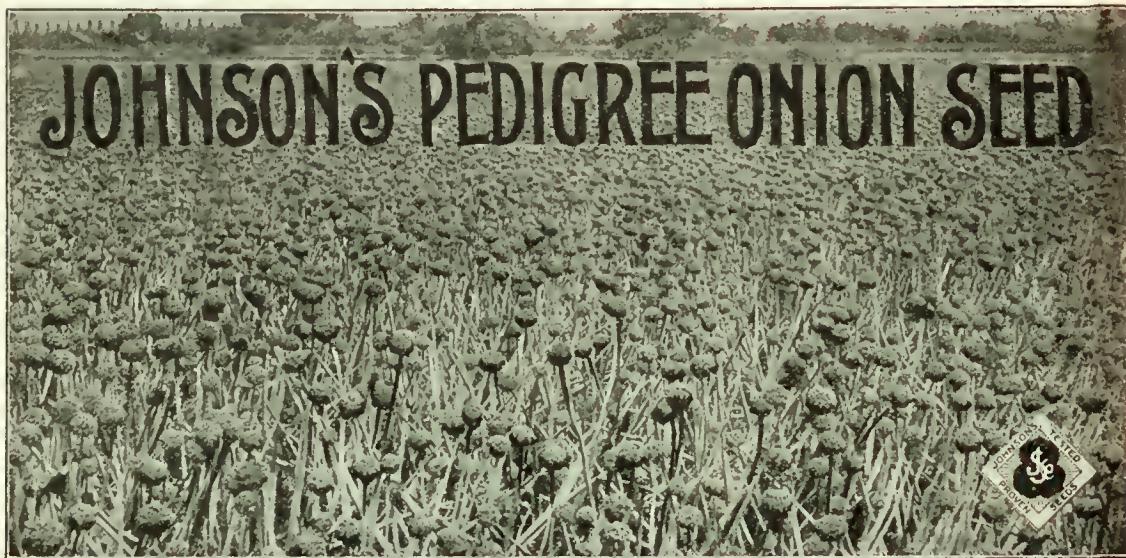
## What Those Who Grow Them Say About Them

### GREATEST TOMATO CROP (See Page 18)

G. N. BLAKESLEE, Clintonville, Conn., September 5, 1907, writes: "I raised Jack Rose Tomato for the first time this season, and predict that it will be a great favorite with market gardeners. It is a wonderful producer of fine large fruit. Though we had the worst drought in years, Jack Rose produces the greatest and earliest tomato crop I ever raised."

### FULLY SATISFIED

C. H. PHELPS, East Smithfield, Pa., writes: "I could get any of the seeds ordered in my own town, but I have become so fully satisfied of the superior growing power, inherent purity and quality of your seeds, which I have planted so many years, that I would rather wait a reasonable length of time than to plant those of any other seedsmen."



Section of field of JOHNSON'S NEW LONG-KEEPING PRIZETAKER ONION, just before harvesting the seed. See photograph and testimonials, page 16.

There is no vegetable in which the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from choice bulbs, selected by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, prior afterwards, and in no one crop have we met with greater reward than in onions.

One ounce will sow 100 feet of drill. To grow large onions from seed, 5 pounds to the acre; to grow small sets, 50 to 60 pounds to the acre are required. For full information for culture, storage and marketing onions and onion sets, see our **New Leaflet-Essays** on this subject, which will be sent free with all orders for onion seed, when requested.

**READ ABOUT THE THREE GRAND NEW ONIONS, Ebenezer, Johnson's Dark Red Beauty, Johnson's Long-Keeping Prizetaker.** Described and illustrated under Novelties, pages 14, 15 and 16.

### Philadelphia Yellow Dutch, or Strasburg Onion

The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-sized onions are somewhat flattened, flesh white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.25, postpaid; by express or freight, lb., \$2.15; 5-lb. lots, \$1.85 per lb.; 10 lbs. and over, \$1.75 per lb.

### Minnesota Globe Onions

#### Seed Grown in Minnesota by Originator

These are new true globe onions of the finest and most select type, so called to distinguish them from all other stocks of red and white globe onions, differing in earliness, productiveness, perfection of shape and long-keeping qualities. From reports of customers and our trials with them, we believe them to be the onion of the future for the Northern States.

**Minnesota Globe Wethersfield Red Onion.** Per pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.75.

**Minnesota White Globe Onion.** Per pkt., 10c.; oz., 35c.;  $\frac{1}{2}$  lb., \$1.25; lb., \$4.25.

### True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape. It grows to good size, with thin yellow skin, white flesh, fine grained and excellent quality. It ripens early, keeps well and is very productive. This variety is catalogued by many seedsmen as Yellow Globe Danvers, which is a misnomer. Pkt., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00, postpaid; by express or freight, lb., \$1.90; 10 lbs. and over, \$1.75 per lb.

### Southport Globe Onions

#### Johnson's Superior Connecticut-Grown Seed

There is a marked superiority in the Eastern-grown types of the Globe Onions, commonly known as the Southport strains, over the Western-grown types. That our seed of these important varieties is from highly bred and carefully selected types is attested by the numerous letters we have received from the most critical onion growers.

**Southport Large Yellow Globe.** Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

**Southport Large Red Globe.** Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 70c.; lb., \$2.35.

**Southport Large White Globe.** Pkt., 10c.; oz., 35c.;  $\frac{1}{2}$  lb., \$1.25; lb., \$4.25.

For uniformity, productiveness, deep globe shape, sure ripening and fine keeping qualities, plant  
**JOHNSON'S CONNECTICUT-GROWN SOUTHPOR T GLOBE or MINNESOTA GLOBE ONIONS**



## Philadelphia Yellow Globe Danvers Onion

Do not confound with the ordinary Yellow Globe Danvers of other growers, as it is uniformly of true globe shape and the very best strain in cultivation. Large in size, producing from seed 1,000 bushels to the acre with good cultivation. It is also most reliable for bottoming, and one of the best keepers. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50, by mail, postpaid; by express or freight, lb., \$2.40; 5 lbs. and over, \$2.15 per lb.

## EXTRA LARGE RED WETHERSFIELD ONION

A fine strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. Immense crops of this onion are grown each season from our seed by some of the largest growers in the United States. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50, by mail, postpaid; by express, lb., \$2.40; 5 lbs. and over, \$2.15 per lb.

### A Select List of other Standard American ONIONS

Large packets, 10c. each.

In 5-lb. lots and over, 10c. per lb. may be deducted.

**Philadelphia Extra Early Red Flat.** Very early; makes fine sets. (10 lbs., \$14.00).  
**Extra Early Red Globe Danvers.** (New.) The earliest and best early red globe.  
**Model Export Hardy.** Valuable extra early, flat in shape and of an entirely new and distinct pinkish yellow color. A wonderful keeper . . . . .  
**Prizetaker.** Very large and fine, rich, yellow and mild; enormously productive,  
**Australian Brown.** New long keeper; early, flat; fine quality; distinct color . .  
**Golden Ball.** Very deep globe; skin rich golden yellow; fine keeper; superior,  
**Rhode Island Yellow Cracker.** Earliest yellow onion; flat shape; great keeper,  
**American Extra Early Pearl.** Earliest of all white onions; very large and mild,  
**Philadelphia White Silver Skin, or Portugal.** Best white onion for sets. See cut,  
**White Bunch.** Very early; one of the best for bunching in a green state . . . .

### THE BEST FOREIGN ONIONS

**Red Bermuda.** Very early; genuine Teneriffe seed; freshly imported . . . . .  
**White Bermuda.** Freshly imported from Island of Teneriffe; genuine seed . . .  
**White Queen.** Very early; grows rapidly; mild; remarkable keeper . . . . .  
**Hard Round Silver Skin.** The best for pickling; uniform, small, round bulbs,  
**White Adriatic Barletta.** Neatest and smallest; valuable for pickling . . . . .  
**Mammoth Silver King.** Handsome flat onion; reaching enormous size . . . . .

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 20	\$0 50	\$1 50
25	75	2 75
20	60	2 00
20	60	2 25
20	50	1 50
25	75	2 75
20	60	2 25
25	55	1 85
30	90	3 00
25	70	2 50
20	55	1 85
25	60	2 10
20	55	2 00
20	60	2 25
20	55	2 00
20	55	2 00

### CHOICE PHILADELPHIA-GROWN ONION SETS

Philadelphia-grown onion sets are the best in the world. They are hard and solid, good keepers and are sold by the measured bushel and not by the pound rate, as sold in some other markets. Prices vary with the market. We are headquarters. Write for prices in bushel and barrel lots.

**PHILADELPHIA EXTRA EARLY RED SETS;** per qt., 20c.; qt., postpaid, 30c.

**PHILADELPHIA YELLOW DUTCH, or STRASBURG, and PHILADELPHIA YELLOW DANVERS ONION SETS;** each: per qt., 15c. qt., by mail, postpaid, 25c.

**PHILADELPHIA WHITE, or SILVER SKIN SETS;** per qt., 25c.; qt., postpaid, 35c. **YELLOW OR RED POTATO and WHITE MULTIPLIER ONION SETS;** each: per qt., 25c.; qt., postpaid, 35c.

**ABOUT PACKING SETS.** See foot of page 14.

# The Best Northern Grown Seed Peas



A SINGLE VINE, WITH PODS NATURAL SIZE, ALONGSIDE OF JOHNSON'S RECORD EXTRA EARLY PEA.

One quart will plant 100 feet of drill. One and one-half to two bushels will plant one acre. See page 17 for some remarkable New English Peas.

## Johnson's Record Extra Early Pea

First introduced in 1898, is still in the lead as the earliest of all peas and most popular with truckers. It has produced good edible peas in forty-seven days from planting, a record that has never yet been beaten. It is the most uniform in ripening. A single picking will secure the entire crop. The heaviest cropper, containing one to two more peas per pod than any other first early. Height, 2 feet. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid; by express or freight, qt., 25c.; peck, \$1.40; bush., \$5.25; 5 bush. and over, \$4.75 per bush.

## Large Podded Alaska Pea

A new and valuable strain from Canada of the popular Alaska Pea. The blue seed is the same as Alaska, and the vines grow to the same height, but more vigorously, and produce fully as early, large, deep green pods of almost double the size. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; by express or freight, qt., 30c.; peck, \$1.60; bush., \$6.00.

## Sutton's Excelsior Pea

This new pea takes the place in the Extra Early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. It grows to a height of about 14 inches, showing a great abundance of its long, broad, straight pods of a pale green color. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postpaid; by express, qt., 30c.; peck, \$1.60; bush., \$6.00.

## PEAS—Extra Early Varieties

### Each of the following, 10c. per large packet.

We furnish  $\frac{1}{2}$  pecks at peck rates,  $\frac{1}{2}$  bushels at bushel rates. Those marked with a (\*) are wrinkled varieties.

**Johnson's Extra Early.** The popular old and fine standard, Alaska. One of the earliest and most popular blue peas . . .

**New Prolific Early Market.** About a week later than Johnson's Record Extra Early, bearing heavily of large pods, First and Best. Very early; popular for market and shipping,

**Philadelphia Extra Early, Dan O'Rourke, Hancock.** Each, \*Thomas Laxton. The finest early wrinkled pea, superior in earliness and hardiness to Gradus; pods fully as large, enormously productive. (See illustration, next page) . . .

\***Gradus, or Prosperity.** Magnificent new, large podded sort, \***Gregory's Surprise.** (Eclipse.) Earliest wrinkled variety, \***Nott's Excelsior.** An improvement on American Wonder,

\***American Wonder.** Well known and very popular . . . \***McLean's Little Gem.** Very prolific; a garden favorite . .

\***Extra Early Premium Gem.** Long, well filled, prolific pods,

Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
2	\$0 25	\$0 40	\$0 25	\$1 35	\$5 00
2	25	40	25	1 35	5 00
2	25	40	25	1 60	5 75
2 $\frac{1}{2}$	25	40	25	1 25	4 50
2 $\frac{1}{2}$	25	40	25	1 25	4 50
2	25	45	30	1 85	7 00
2 $\frac{1}{2}$	30	50	35	2 00	7 25
1 $\frac{1}{2}$	25	40	25	1 35	5 00
1 $\frac{1}{2}$	25	40	25	1 60	5 75
3 $\frac{1}{4}$	25	40	25	1 60	5 75
1	25	40	25	1 40	5 25
1 $\frac{1}{4}$	25	40	25	1 40	5 25

## PEAS—Second Early and Medium

\***Johnson's Second Early Market Garden.** Best and surest cropper; produces more pods than any other . . .

\***McLean Advancer.** Fine standard sort; of excellent quality,

\***Abundance.** Long, round, well-filled pods; very prolific . .

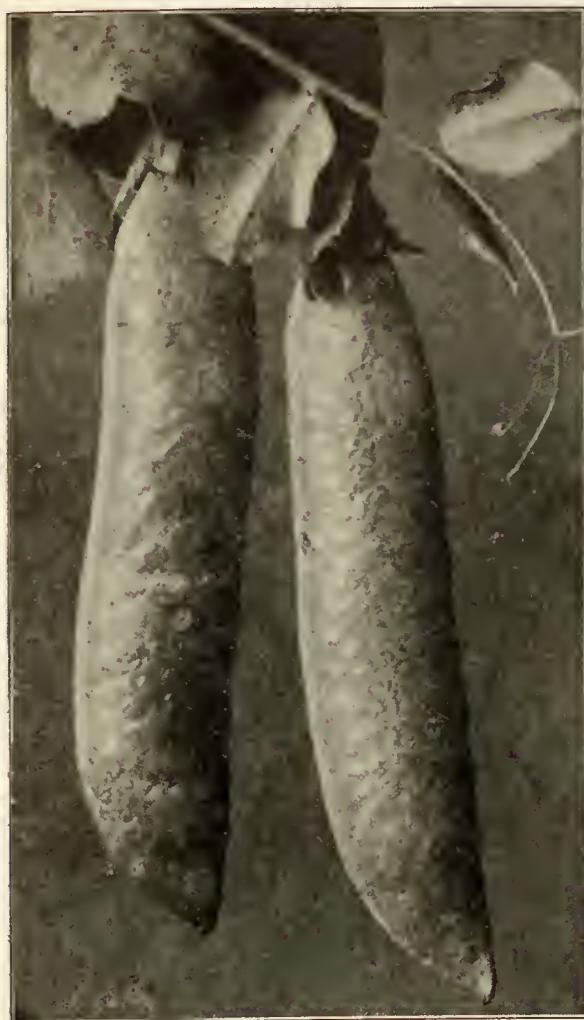
\***Horsford's Market Garden.** Style of Advancer; very prolific,

\***Heroine.** Large, full pods; productive; quality perfect . .

\***Improved Fillbasket.** Excellent; one of the best for market,

\***Shropshire Hero.** Fine flavor; long, handsome pods . . .

# The Thomas Laxton Pea



THOMAS LAXTON PEA.

This is the earliest large-podded wrinkled pea known, growing very vigorously, with vines about 2½ feet in length, with pods and peas of the very largest size, somewhat resembling the Telephone. It is astonishing that a pea with as fine large pods as this should be almost as early as the regular Extra Early Peas. The enormous pods are full with from six to ten wrinkled marrow peas of the most delicious flavor. Although it commences bearing so very early, it continues for a long time, the peas also remaining sweet and tender for a long time after they are fit to pick. Price, pkt., 10e.; pint, 25e.; qt., 45e., by mail, postpaid; by express, per qt., 30e.; 4 qts., \$1.00; peck, \$1.85; bush., \$7.00.

## New Dwarf Champion Pea

This new pea possesses all the merits of the Champion of England, with less vine (26 inches), larger pods and more of them, and coming a little earlier. Pkt., 10e.; pint, 25e.; qt., 40e., postpaid; by freight or express, qt., 25e.; peck, \$1.35; bush., \$5.00.

## A GRAND NEW ENGLISH PEA THE MARKET MASTER

### THE BEST PEA FOR MEDIUM AND LATE USE

Vine is very hardy, growing vigorously to a height of about 2 feet, unusually prolific. Handsome pods growing uniformly to larger size than any pea we have ever seen, and filled with eight to ten very large, delicious peas. Price, pkt., 10e.; pint, 25e.; qt., 45e., postpaid; by express or freight, qt., 30e.; peck, \$1.85; bush., \$7.00.

### PEAS—Late or Main Crop Varieties

Each variety in large packets, at 10c. each.

We sell ½ pecks at peek rates, ½ bushels at bushel rates. Those marked with a (\*) are wrinkled varieties.

	Height in feet.	By Mail, Postpaid.		By Express or Freight.		
		Pint.	Qt.	Qt.	Peck.	Bush.
*Duke of Albany. (American Champion.) Immense pods . . .	4	\$0 25	\$0 45	\$0 30	\$1 75	\$6 75
*Improved Stratagem. Large, full pods; quality fine . . .	2	25	45	30	1 75	6 50
Long Island Mammoth, or Telegraph. Large pods and peas, . . .	3½	25	40	25	1 40	5 25
*Telephone. Enormous pods and peas of first quality; prolific, . . .	4½	25	45	30	1 75	6 50
*Carter's Danby Stratagem. New pea from England. A great improvement on old Stratagem . . . . .	2	30	50	35	2 25	8 00
Pride of the Market. Our greatly improved uniform strain, . . .	1½	25	40	25	1 60	5 75
*Champion of England. Well-known standard variety . . .	5	25	40	25	1 25	4 25
*Bliss' Everbearing. Peculiar branching vine; peas large . .	2	25	40	25	1 35	4 75
*Yorkshire Hero. A spreading variety; very productive . .	3	25	40	25	1 35	4 75
Blue Imperial. A productive market garden summer favorite, . .	2½	20	35	20	1 10	4 00
New Giant Podded Marrow. Hardest large-podded pea . .	2	25	45	30	1 85	7 00
Improved Sugar Marrow. Long pods; true marrow flavor . .	3½	20	35	20	1 10	4 00
Royal Dwarf White Marrowfat. A favorite for market . .	2½	20	30	15	85	3 00
Black-Eyed Marrowfat. Very hardy and prolific; poor quality, . .	3	20	30	15	75	2 60
Canada Field. Grown with oats for fodder, also for pigeons . .	5	15	25	10	50	1 75
Dwarf Sugar. Extra fine; pods used same as Snap Beans . .	1½	25	45	30	1 75	6 25
Tall Melting Sugar. One of the best; large, broad pods . .	5	30	50	35	2 00	7 25
Tall Gray Sugar. Immense pods of superior quality and snap, . .	5	30	50	35	2 00	7 25
New Mammoth Podded Prolific Sugar. Largest and best of the edible podded sorts; broad, fleshy, tender pods . .	3	35	65	50	3 00	

## PARSLEY

One ounce will sow one hundred and forty feet of drill. If ordered by express, deduct ten cents per pound.



A SINGLE PLANT OF MARKET GARDENERS' BEST PARSLEY.

## MARKET GARDENERS' BEST PARSLEY

Plant very robust, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green. It stands heat, drought and cold better, and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is "the parsley for either the market or family garden." Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00, postpaid; if by express or freight, lb., 90c., or 5 lbs. for \$4.00.

## CHAMPION MOSS CURLED. Extra Dark Green.

Leaves crimped and curled, giving a most beautiful decorative appearance. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 65c.

EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped, handsome, bright green color; very ornamental. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

EXTRA DOUBLE CURLED. An old curled variety for garnishing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

PLAIN, or SINGLE. Oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

HAMBURG, TURNIP ROOTED. Fleshy vegetable roots, for soups, etc. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

## PARSNIP

One ounce will sow about two hundred feet of drill; 5 lbs. will sow one acre.



NEW IDEAL HOLLOW CROWN PARSNIP.

## New Ideal Hollow Crown

A greatly improved and wonderfully fine strain of true Hollow Crown Parsnip. The roots do not grow as long as the old Hollow Crown variety, are of larger diameter and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained and of excellent quality. The best variety for the market or home garden. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c., postpaid; by express, lb., 55c.; 5 lbs. and over, 50c. per lb.

LARGE SUGAR, or LONG SMOOTH HOLLOW CROWN. Well-known old standard sort. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

## PEPPERS

One ounce will sow one hundred yards of row.



A SINGLE PLANT OF RUBY GIANT PEPPER.

NEW RUBY GIANT. As a result of crossing Chinese Giant and Ruby King, we have a handsome new variety, which combines the enormous size of the Chinese Giant with the graceful, elongated form of Ruby King, being longer than the former variety and larger round than the latter.

In color it is a bright clear red, and in flavor mild, delicious and sweet. The plant is vigorous in growth, stocky, well-branched, and prolific. Pkt., 10c.; oz., 55c.;  $\frac{1}{4}$  lb., \$1.65; lb., \$5.50.

CHINESE GIANT. Of vigorous growth, with plants about 2 feet in height, well branched and thickly set with monstrous, fleshy fruits of a brilliant scarlet. They are uniformly "enormous" and justly called Giants. Extremely mild, as sweet as an apple, and can be served sliced like tomatoes. Prices, pkt., 10c.; oz., 55c.;  $\frac{1}{4}$  lb., \$1.65; lb., \$5.50.

RUBY KING. Double the size of Bull Nose. The fruits are five to six inches long by about three and one-half inches through. They are bright red, remarkably mild and pleasant in flavor. The most popular red pepper. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

MAMMOTH GOLDEN QUEEN. Large, bright golden yellow peppers, so mild they can be eaten like tomatoes. Very prolific. Best pepper for stuffing. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 80c.; lb., \$3.00.

## The following Peppers, 10 cents per pkt.

	Oz.	$\frac{1}{4}$ lb.	lb.
Bell, or Bull Nose. Large, mild,	\$0 30	\$1 00	\$3 50
Neapolitan Red			
Neapolitan Golden	Early, mild,	40	1 25
Long Red Cayenne.	True, hot,	25	65
True Red Chili.	Very hot,	25	75
Tabasco.	Small, very hot,	40	2 50
Cherry Red.	Small, for pickles,	25	75

## Peanut, or Ground Pea

Full directions for planting, growing and harvesting Peanuts printed on each packet.

GEORGIA IMPROVED GROUND PEA, or PEANUT. Much superior to the ordinary peanut. Large pkt., 15c.; pint, 30c.; qt., 50c., postpaid; qt., 35c.; peck, \$2.00, by express or freight.

SPANISH PEANUT. Very early and smaller than the ordinary peanut. Large pkt., 10c.; pint, 25c.; qt., 45c., postpaid; peck, \$1.50.



Harvesting a field of our Seed Potatoes at Houlton, Aroostook County, Maine.

## SELECTED SEED POTATOES Grown in Maine

These are universally acknowledged to be the very best. Grown in the cold Northeast, where Nature and the elements alike decline existence to all but the very hardiest varieties. We make a specialty of and handle this seed solely. Pure and true to name. Prices quoted are for barrel sacks of 165 pounds each. We pack in full-size double-headed barrels at 25c. higher than prices here quoted. Special prices by letter on lots of five barrels and over.

**PLEASE NOTICE** As prices are subject to market fluctuation, we would request that our customers send in their orders as soon as possible. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk.

**POTATOES**—Three barrels, 8 to 9 bushels, are required to plant one acre. Prices quoted are subject to market fluctuations.

	Peck.	Bush.	Bbl.
True Houlton, Maine, Early Rose.	\$0 70	\$2 00	\$4 00
Early Beauty of Hebron.	70	2 00	4 00
Early Thoroughbred.	70	2 00	4 25
Bovee.	70	2 00	4 25
Eureka Extra Early.	70	2 00	4 50
Noroton Beauty.	70	2 25	4 75
Crown Jewel.	70	2 00	4 50
Bliss' Triumph, or Stray Beauty.	70	2 00	4 25
Pride of South, or White Bliss.	70	2 00	4 25
Irish Cobbler.	70	2 00	4 25
Norcross.	70	2 00	4 50
Rural New Yorker, No. 2.	70	2 00	4 25
State of Maine.	70	2 00	4 00
Carman, No. 1.	70	2 00	4 00
Green Mountain.	70	2 00	4 00
Gold Coin.	70	2 00	4 25

## SEED SWEET POTATOES

We make a specialty of Seed Sweet Potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. New Jersey grown sweet potatoes are everywhere acknowledged to be the best in quality, being much dryer and sweeter than those grown in the South and West, while their keeping and shipping qualities are away ahead. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys, and wish it distinctly understood that customers take ALL RISKS after we deliver in good condition to the express company here. We do not ship until about planting time unless specially ordered to do so. Our barrels contain 3 bushels. Full directions for bedding and sprouting the seed, setting out and cultivating sweet potato plants, also harvesting and storing for winter, will be found in our new Leaflet-Essays on Sweet Potato Culture, which we will send free with all orders when requested to do so.

## VINELAND BUSH SWEET POTATO

The New Vineland Bush Sweet Potato originated on the farm of John Maytrott, the extensive sweet potato grower of New Jersey, from the well-known Early Nansemond and old Vineland Sweet Potato. It is a perfect bush, with no inclination for spinning, resembling bean bush very closely. The tubers grow directly under the stalk. They are most abundant bearers, good flavor, handsome, rich yellow color and excellent keepers.

Prices: per lb., 40c.; 3 lbs., \$1.00, by mail, postage paid; PLANTS OF THE NEW VINELAND BUSH SWEET POTATO, ready May 15th: 50 for 50c.; 100 for 75c., by mail postage paid; 50c. per 100; \$4.00 per 1000, by express. 500 plants at 1,000 rates.

**EXTRA EARLY CAROLINA, JERSEY "UP-RIVERS" AND EARLY NANSEMOND.** The justly celebrated Philadelphia sweet potatoes, universally grown for market. Each, per peck, 70c.; bush., \$2.00; bbl., \$4.25.

Plants of the above, ready May 15th, 60c. per 100, by mail, postage paid; by express, 35c. per 100; \$2.50 per 1,000.



NEW WINTER LUXURY PUMPKIN. Excellent for pies. Fine winter keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.



Field of BIG TOM PUMPKINS. Over 20 tons to the acre. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

### PUMPKINS—A Select List of Standard Sorts

One pound will plant two hundred to two hundred and fifty hills; four to six pounds plant one acre. Large packets, 5c. each.

**Cashaw, or Crook Neck.** The old standard and popular Crook Neck Cashaw.

**Improved Green Striped Cashaw.** Improvement on White Cashaw; green and white striped; flesh rich yellow, solid, fine grained, very thick and sweet . . .

**New Mammoth Golden Cashaw.** The best Cashaw. Skin and flesh rich orange,

**Nantucket Sugar, or Negro.** A New England variety with dark green skin . . .

**Small Sugar.** Early, prolific; very thick sweet flesh; orange color; fine keeper,

**Tennessee Sweet Potato.** Bell-shaped; white flesh, very thick and sweet . . .

**New Winter Luxury.** Golden yellow, finely netted; shape round; flesh very

rich; productive and unequalled as a winter keeper and cooking variety . . .

**Quaker Pie.** Shape nearly oval. Cream-colored skin and flesh; fine quality . . .

**Calhoun Pumpkin.** Nearly round, somewhat flattened on the ends; skin creamy

brown; flesh deep salmon yellow, thick, fine grained, excellent for pies, etc. .

**Mammoth Bright Red Etampes.** Glossy red, flat, growing very large. Pkt., 10e.,

**Mammoth Tours, or Citrouille.** Very large; used in France for feeding cattle,

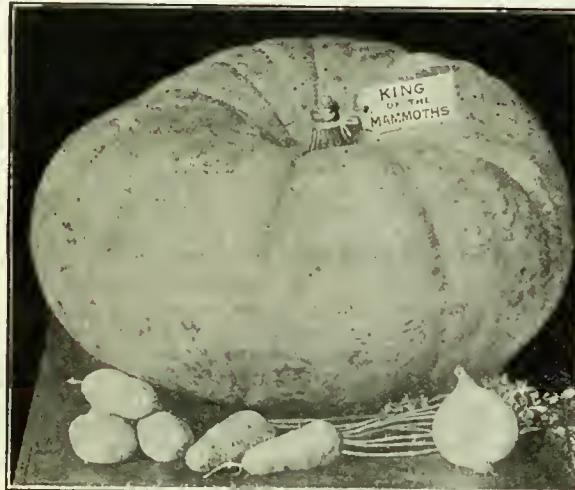
**Large Sweet Cheese, or Kentucky Field.** Light yellow, productive and popular,

**Common Yellow, or Connecticut Field.** Very productive; grown largely for

feeding stock (by express or freight, 10 lbs. for \$2.25; bush., 25 lbs., \$5.00),

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 60
	10	25
	10	25
	10	25
	10	20
	10	25
	10	25
	25	80
	25	85
	25	80
	20	65
	25	80
	25	75
	25	80
	20	60
	45	1 50
	25	75
	20	60
5	10	35



KING OF THE MAMMOTHS PUMPKIN. Photographed with Potatoes, Carrots and Onion for comparison as to size.

### BIG TOM FIELD PUMPKIN

This new pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. So carefully has the selection been made, that the Big Toms will run uniformly to more than twice the size and weight. See photograph above. Skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For canning, table use and stock feeding no more profitable or better variety can be grown. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

### KING OF THE MAMMOTHS

#### The Greatest of all Exhibition Pumpkins

No other ever introduced has reached such enormous weights, often 150 lbs. and over, and been awarded as many prizes. The flesh and skin are golden yellow, and notwithstanding its enormous size, it makes a good table and pie pumpkin. Price, pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

### A Special Collection of Mammoth Pumpkins for 15 Cents

As an extra inducement for customers to give our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Mammoth Tours, and Big Tom, giving a magnificent collection of 4 great Mammoth Varieties for only 15 cents.

# THE VERY BEST RADISHES



A section of field at our Bristol Seed Farm, Bucks County, Pa., showing our crop of NEW EARLY SNOW-WHITE BOX RADISH in full bloom, just before seeding. See photograph of radish, bottom of this page.

## Popular Early and Summer RADISHES

Large Packets, 5c.

	By Mail, Postpaid.		
	Per oz.	1/4 lb.	Per lb.
Extra Early Scarlet Turnip.	\$0 10	\$0 20	\$0 65
Earliest Round Dark Red. (Scarlet Button.)	10	20	65
Startle, or Twenty-Day Forcing. (Red Rocket.)	10	25	85
Johnson's Olive-Shaped Scarlet.	10	30	1 00
Crimson Giant. (New.)	10	25	85
Large, round, red, forcing, equally good for outdoor culture,	10	20	60
Scarlet Turnip, White Tip.	10	25	80
Rosy Gem, or Rapid Forcing.	10	25	80
Resembles above in color; a week earlier.	10	25	85
Double Quick White Forcing. (New.)	10	25	85
Very early; handsome long, pure white,	10	25	80
White Icicle.	10	25	80
Finest and longest of very early pure white varieties	10	20	65
Felton's White Box.	10	25	75
Round; skin and flesh pure white (5 lbs., \$2.75, by express),	10	25	75
French Breakfast.	10	25	75
Olive-shaped; red, tipped with white; very handsome	10	25	75
Olive-Shaped Golden Yellow. (Surprise.)	10	25	75
Earliest yellow; fine for early or summer,	10	25	75
Newcom.	10	25	75
Earliest, best and largest half-long white (5 lbs., \$3.25, by express)	10	25	75
Philadelphia Gardeners' Long Scarlet.	10	20	70
A great improvement on old Long Scarlet; earlier; shorter top; better shape and color; fine keeper (5 lbs., \$3.00)	10	20	65
Cincinnati Market.	10	20	65
Superior to Wood's Frame.	10	25	75
Long Brightest Scarlet, White Tipped. (Long Cardinal.)	10	20	60
New French sort	10	25	75
Chartier, or Shepherd.	10	25	75
Large, long summer radish; scarlet, with white tip	10	20	65
New White Chartier.	10	20	60
Improvement on above; earlier; pure white and handsome,	10	25	75
White Strasburg.	10	20	65
The most popular and best half long summer (5 lbs., \$2.75),	10	20	60
Lady Finger, or Long White Vienna.	10	20	60
One of the best (5 lbs., \$2.50)	10	20	60
Large White Summer Turnip, or Globe.	10	20	60
Very popular (5 lbs., \$2.50, by express),	10	20	60
Improved Large Yellow Summer Turnip.	10	20	60



SCARLET OR CARDINAL GLOBE. The most popular red radish. Selected French grown seed. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 75c.



NEW EARLY SNOW-WHITE BOX. The very earliest and best round white radish for forcing or out-door planting. Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 80c.

## ALL SEASONS RADISHES



NEW CELESTIAL—AN ALL SEASONS WHITE RADISH.

## New Celestial, or White Chinese

Seed of this very valuable new Radish should not be sown until summer, June or July. It is ready for use when three inches long, and continues until ten inches long by four inches in diameter. It also makes one of the best winter radishes from seed sown in August. Flesh firm, solid, crisp, pure white. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 20e.; lb., 65e.; 5 lbs. for \$3.00.

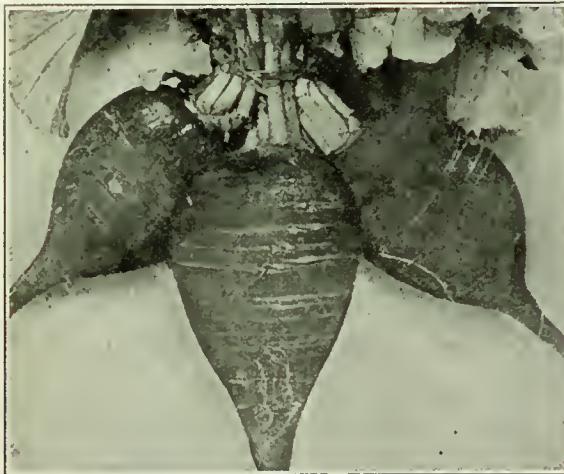
## New Round Scarlet Chinese Radish

This new variety of the China Radish is an all seasons red radish; may be sown at intervals from spring until autumn. Matures in from six to seven weeks, and is much hardier than most other varieties. Valuable as a winter radish, as well as for summer. Its handsome round shape, rich scarlet color, and pure white flesh commend it to all who grow it. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 20e.; lb., 65e.

## WINTER RADISHES

**CHINA ROSE WINTER.** One of the best winter varieties; bright rose-colored; flesh white, firm and of superior quality. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 20e.; lb., 65e.

**CALIFORNIA MAMMOTH WHITE.** The largest grown. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 20e.; lb., 75e.



IMPROVED HALF-LONG BLACK SPANISH RADISH.

## Improved Half-Long Black Spanish

Intermediate in shape between the Round and Long Black Spanish, and is much superior to either. Flesh mild, very crisp and sweet, never pithy, and is decidedly the best of black radishes. If stored in damp sand in the cellar, they will keep all winter. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 25e.; lb., 75e.

**ROUND BLACK SPANISH.** Very popular with Germans, known as *Rettig*. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 20e.; lb., 70e.

**LONG BLACK SPANISH.** One of the hardest, keeping until spring. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 20e.; lb., 65e.

## RHUBARB (PIE PLANT)

One ounce will produce about one thousand plants.

**LARGE VICTORIA.** An excellent cooking variety. Seed, per pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 30e.; lb., \$1.00.

**RHUBARB ROOTS. EARLY STRAWBERRY and VICTORIA.** Each, per large root, 15e.; doz., \$1.00; 100, \$4.00, by express; by mail, postpaid, 20e. each; \$1.50 per doz.

## SALSIFY, or OYSTER PLANT



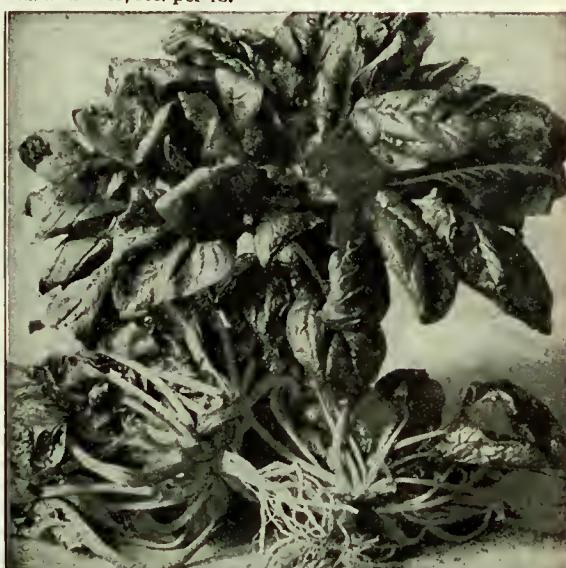
SANDWICH ISLAND SALSIFY.

**SPINACH** One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.

**NEW VICTORIA.** Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long-standing variety, but not very hardy. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 15e.; lb., 35e., postpaid; by express or freight, lb., 25e.; 10 lbs., 20e. per lb.; 25 lbs. and over, 18e. per lb.

**AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE.** Our celebrated Philadelphia stock. Leaves are large, thick, finely curled, heavy, produced in great numbers, and stand handling better than most other sorts. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 15e.; lb., 35e., postpaid; by express or freight, per lb., 25e.; 10 lbs., 20e. per lb.; 25 lbs. and over, 18e. per lb.

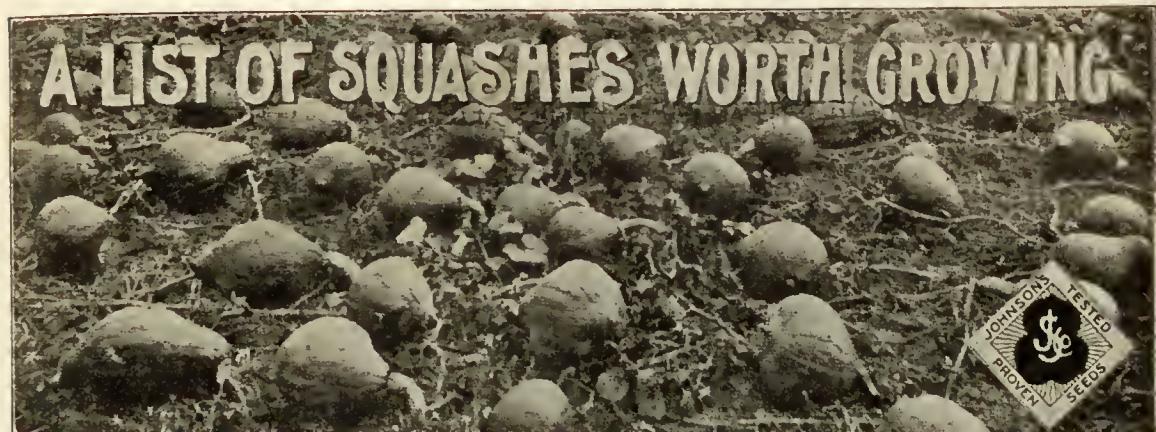
**IMPROVED THICK-LEAVED ROUND, or VIRO-FLAY.** Large, thick, dark green leaves, very hardy, and popular in New York markets, where it is the leading variety grown. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 15e.; lb., 35e., postpaid; by express or freight, lb., 25e.; 10 lbs., 20e. per lb.; 25 lbs. and over, 18e. per lb.



**PARISIAN LONG STANDING SPINACH.** Best for spring sowing. Seed grown by originator. Per lb., 50c., postpaid; 10 lbs., \$3.50.

## New Spinach—Parisian Long Standing

This New French Spinach surpasses in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than any other without running to seed, making it the most valuable for spring planting. Pkt., 5e.; oz., 10e.;  $\frac{1}{4}$  lb., 15e.; lb., 45c., postpaid; by express or freight, lb., 35e.; 10 lbs. and over, 30c. per lb.



Section of our field of RED OR GOLDEN HUBBARD SQUASHES, growing for seed. This new variety is as fine in quality and even more productive than the old original Hubbard. Choice seed, per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; 1 lb., 90c.

One ounce will plant twenty to forty hills. Four to six pounds will plant one acre.

Large packets of any of the following varieties, 5c. each.

#### THE BEST SUMMER SQUASHES

**White Bush Scallop.** The well-known white Patty Pan (5 lbs., \$2.50, by express),

**Mammoth White Bush (Silver Custard).** Grows to twice the size of above . . .

**New Extra Early Jersey White Bush.** An improved extra early strain of the old White Bush. Selected and improved by a New Jersey grower. Very

productive and shows less ridge or scallop, containing a larger amount of flesh,

**Early Golden, or Yellow Bush.** Differs from White Bush only in orange color,

**Golden Custard.** Very large Golden Yellow Bush; fine for market . . . .

**Giant, or Mammoth Summer Crookneck.** Very fine; best of the Crooknecks,

#### FALL AND WINTER SQUASHES

**Boston Marrow.** Bright orange; skin and flesh of very superior quality; a splendid winter keeper and most popular for autumn use and canning . . .

**Early Prolific Orange Marrow.** Earlier than Boston Marrow; very productive,

**New Golden Bronze.** Fine. Flesh golden-yellow, tender. Excellent keeper .

**Hubbard.** The old favorite; popular winter squash; dark green skin; rich flesh,

**Red, or Golden Hubbard.** A perfect type of its parent, with red skin.

**Chicago Warted Hubbard.** Improvement on Hubbard; skin heavily warted .

**Fordhook.** Early, sweet and dry; also a good summer variety; form oblong . .

**Mammoth Chili.** The Jumbo of all squashes, often weighing 200 pounds and over .

By Mail, Postpaid.

Per oz.	$\frac{1}{4}$ lb.	Per lb.
\$0 10	\$0 20	\$0 65
10	20	75
10	30	1 00
10	20	75
10	20	75
10	25	85
10	20	65
10	30	90
10	30	85
10	30	1 00
15	40	1 40



## Johnson's Vegetable Plants

GROWN FROM JOHNSON'S TESTED AND PROVEN SEEDS

Try our POTTED EGG and TOMATO PLANTS. They are all grown cool and stocky. If wanted in quantity, write for special prices.

#### EARLY CABBAGE PLANTS.

Johnson's Very

Earliest, Johnson's Jersey

Wakefield, Johnson's Quick Cash and other leading varieties. For April and May delivery. Transplanted. 35c. per 100; \$2.50 per 1,000.

**LATE CABBAGE PLANTS.** Johnson's Matchless Late Flat Dutch, Drumhead and other standard varieties. Ready July 1st. 25c. per 100; \$2.00 per 1,000.

**CAULIFLOWER PLANTS.** Pearl of Denmark, Early Alabaster and Snow Ball. Ready in April. Potted, 50c. per dozen; \$4.00 per 100. Transplanted, 25c. per dozen; \$1.50 per 100.

**CELERY PLANTS.** Ready July 1st. Johnson's Cremona, Winter Queen, Golden Self Blanching, White Plume, Pascal, etc. 40c. per 100; \$3.00 per 1,000.

**LETTUCE PLANTS.** Ready in April. Head and Curled Leaf varieties of special and standard

sorts grown in flats. 20c. per dozen; 75c. per 100; \$5.00 per 1,000.

**EGG PLANTS.** Ready in May and June. Johnson's Northmount, Black Beauty, New Jersey Improved Large Purple Smooth Stem. Grown in pots, 50c. per dozen; \$4.00 per 100. Out of hot beds, 30c. per dozen; \$2.00 per 100.

**PEPPER PLANTS.** Ready in May and June. Ruby Giant, Large Bell, Ruby King. 20c. per dozen; \$1.25 per 100.

**SWEETPOTATO PLANTS.** Vineland Bush, 50c. per 100; \$4.00 per 1,000. Carolina, Up Rivers and Nansemond, 35c. per 100; \$2.50 per 1,000.

**TOMATO PLANTS.** Ready in May and June. We make a specialty of Tomato Plants, and can supply all the leading varieties. Potted Earliana, Johnson's June Pink and other standards, 50c. per dozen; \$4.00 per 100; \$30.00 per 1,000. Transplanted, 20c. per dozen; \$1.00 per 100; \$7.00 per 1,000. Not transplanted, \$5.00 per 1,000.

# TOMATO SEEDS FROM SELECTED FRUIT

All our Tomato Seeds are grown especially for seed and from seed stocks carefully selected and saved by ourselves. We challenge comparison of our stocks with any offered.

One ounce will produce about thirteen hundred plants.

With your order, ask for our NEW LEAFLET ESSAY ON TOMATO CULTURE. Free with your order.



JOHNSON'S JUNE PINK TOMATO.

## Johnson's June Pink

Johnson's June Pink Tomato is similar to the Earliana; in fact it is a Pink Earliana, ripening fully as early. The plant is neat and compact, branching freely, with fruit hanging in clusters. Under exactly the same conditions as given Sparks' Earliana, it yielded as much fruit, which is of medium size, uniform, smooth, and attractively shaped, without cracks or green core. The skin is a pleasing pink color, reasonably tough, so that it is excellent for shipping purposes. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.15; lb., \$3.75.

## BURPEE'S EARLIEST PINK TOMATO

Medium size, solid, bright pink, borne in clusters. In our trials the past season, we found it very early, productive and altogether a fine early tomato. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$3.75.

## CHALK'S EARLY JEWEL TOMATO

Heavy cropper, fine, large fruit, sweet flavor, about two weeks later than the Sparks' Earliana; good medium early tomato. Bright scarlet, ripening up to the stem, without cracks or green core; flesh thick, quite solid, with comparatively few seeds. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

## JOHNSON'S BLIGHT-PROOF TOMATO

**THIS IS A VALUABLE NEW TOMATO FOR SOUTHERN GROWERS**, being absolutely blight-proof in Florida and other sections of the South, where large quantities of tomatoes are grown for Northern markets. In this respect it is even superior to the old "Duke of York." It is firm, solid, large size, rich red color, ripens uniformly and evenly to the stem, and a really wonderful variety to resist blight. It will bear handling and shipping better than any other sort and keep in perfect condition for 10 days to 2 weeks after being taken from the vine. Price, per oz., 50c.  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

## NEW STONE TOMATO

We have a very fine strain of this standard and most popular late, red, smooth variety. It is particularly calculated for canning in glass jars whole. It is very solid; no core and very few seeds. They maintain their size all through the season, and are the best for late summer use.

From extra selected seed stock, grown by ourselves: Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 80c.; lb., \$3.00.

Grown in Michigan from good selected stock: Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$2.00.



STONE TOMATO, from Johnson's Extra Selected Seed.

## HENDERSON'S NEW MEATY TOMATO, "TENDERLOIN"

A new tomato of decided merit, following the early varieties and bearing enormous quantities of handsome heavy fruits until frost sets in. Remarkably uniform, deep and solid; the surface is very smooth and does not crack; color a rich glossy crimson clear to the stem. Unequaled for slicing, because of the phenomenal solidity of its flesh, and few seeds. If picked green will ripen up thoroughly, an advantage late in the season, when frosts are expected, for ripe and luscious "Tenderloin" Tomatoes may be enjoyed up to Thanksgiving and even later. Price, pkt., 10c.; oz., 60c.

If you buy by the packet and ounce, you are entitled to our MOST LIBERAL PREMIUM offer. SEE PAGE 3.



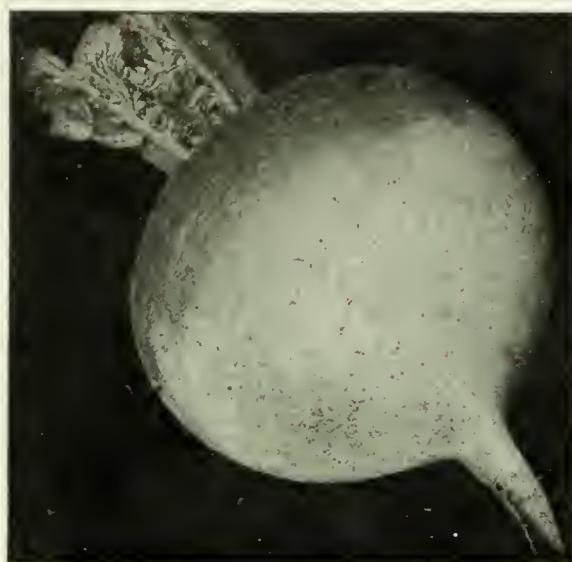
Photograph of a Single Cluster of JOHNSON'S IMPROVED STRAIN NO. 10 SPARKS' EARLIANA. See page 18.

### SPARKS' EARLIANA TOMATO

**Discovered and named by the writer, Herbert W. Johnson.** Has proven one of the most successful novelties ever introduced. It has stood the test—the test of all novelties, that of time—and still ranks—one of the largest very early smooth tomatoes in the world. Be sure that you get the pure selected and true stock from Headquarters—The Johnson Seed Company.

**SPARKS' EARLIANA TOMATO, True Stock:** Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.  
**Price of JOHNSON'S IMPROVED No. 10 STRAIN:** Pkt., 15c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

Select List of Standard TOMATOES— SEED OF OUR OWN GROWING	By Mail, Postpaid.		
	Per Oz.	$\frac{1}{4}$ Lb.	Per Lb.
In regular size large packets, each, 5c. per packet, except where noted.			
<b>Early Paragon.</b> Bright red; productive; standard for market and canning . . .	\$0 20	\$0 50	\$1 75
<b>Livingston's Perfection.</b> Early; large size; very productive; fine blood red . .	20	50	1 75
<b>Livingston's Favorite.</b> Large, smooth, productive; a good shipper and canner . .	20	50	1 75
<b>Livingston's Beauty.</b> Large, smooth, purplish pink; thick flesh; regular form . .	20	60	2 00
<b>Early Acme.</b> Bright pink; smooth, round, uniform size; productive and popular, . .	20	50	1 60
<b>Johnson's Jack Rose.</b> The earliest yet. See page 18. Pkt., 15c. . . . .	45	1 25	4 50
<b>Atlantic Prize.</b> Extra early; bright red; smooth, solid; profitable; pkt., 10c. . .	20	50	1 75
<b>Buckeye State.</b> Very large, solid, meaty; deep purple; heavy cropper; pkt., 10c., . .	25	70	2 50
<b>Lorillard.</b> Best for greenhouse forcing; bright glossy red; very smooth; pkt., 10c., . .	25	75	2 75
<b>Livingston's Globe.</b> Globe shape; smooth, large, productive; pkt., 10c. . . . .	30	85	3 00
<b>The Matchless.</b> Large bright red; solid, heavy; will keep ten days after being picked; yields all season; pkt., 10c. . . . .	25	70	2 50
<b>Success.</b> Large, smooth, bright scarlet; second early; pkt., 10c. . . . .	25	65	2 25
<b>Trucker's Favorite.</b> Large, solid and productive; color of Acme; pkt., 10c. . .	25	70	2 50
<b>The Enormous.</b> A very large, new, smooth, deep red tomato; pkt., 10c. . . . .	25	70	2 50
<b>Brandywine.</b> Finest late; large, solid, smooth, bright red; prolific; pkt., 10c. . .	25	75	2 75
<b>Ponderosa.</b> The largest variety in cultivation; a monster; pkt., 10c. . . . .	40	1 10	4 00
<b>Ignotum.</b> One of the earliest large, red, smooth varieties; productive; pkt., 10c., . .	25	60	2 00
<b>Dwarf Champion.</b> Early; fruit resembles Acme; foliage upright; pkt., 10c. . .	25	65	2 25
<b>The Great B. B.</b> Brinton's Best. One of the very best of the second early and main crop tomatoes; large, red, smooth and solid; pkt., 10c. . . . .	25	75	2 75
<b>Santa Rosa.</b> Main crop, mammoth, solid, meaty, almost seedless; brilliant color, fine for home garden; pkt., 10c. . . . .	40	1 00	3 00
<b>Yellow Plum.</b> Plum shape; bright yellow; used for pickles; pkt., 10c. . . . .	25	70	2 50
<b>Clusterosa Yellow Egg.</b> Small yellow; best for preserving; pkt., 10c. . . . .	25	70	2 50
<b>Red Cherry.</b> An inch in diameter; borne in clusters; for pickles; pkt., 10c. . .	25	70	2 50



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.



MYERS' PURPLE-TOP BEAUTY RUTA-BAGA.

## TURNIPS AND RUTA-BAGAS, OR SWEDES

One ounce will sow one hundred and fifty feet of drill; one to one and one-half pounds will sow an acre.

Large packets of any variety, 5c.; 15c. per lb. may be deducted for 5-lb. lots.

	By Mail, Postpaid.		
	Per oz.	1/4 lb.	Per lb.
Early Snowball.	\$0 10	\$0 20	\$0 60
Purple-Top Flat. (Strap-leaved.)	5	15	50
Early White Flat Dutch.	5	15	50
Early Red-Top White Globe.	5	20	55
Mammoth Purple-Top Globe.	10	25	70
Purple-Top Milan. (True.)	10	25	80
Extra Early White Milan.	10	25	80
Early White Egg.	10	20	55
Pomeranean Large White Globe.	10	20	60
Long Cow Horn, or White French.	5	20	50
Golden Ball, or Orange Jelly.	5	20	50
Yellow, or Amber Globe.	5	15	45
Yellow Aberdeen, Globe-Shaped.	10	20	55
Budlong, or Breadstone.	5	15	45
Rhode Island White Rock.	10	25	70
Monarch, or Elephant Ruta-Baga.	10	20	55
Long Island Ruta-Baga, Purple Top.	10	20	60
Myers' Purple-Top Beauty Ruta-Baga.	10	25	65
Improved Purple-Top Yellow Ruta-Baga.	10	20	55
Large Whlte Ruta-Baga.	10	20	55
Seven Top.	5	15	50

## SEEDS OF POT, SWEET AND MEDICINAL HERBS, ETC.

All Herbs in Large Packets at 5 cents each, except where noted

	Per oz.	1/4 lb.	lb.	Per oz.	1/4 lb.	lb.	
Anise.	Seeds aromatic . . .	\$0 10	\$0 25	\$0 90			
Balm.	For culinary purposes,	20	65	2 25	American Sweet Marjoram.		
Borage.	Used for flavoring,	15	40	1 25	Superior to imported; seed		
Sweet Basil (Broad-Leaved),		15	45	1 50	of own growing. Pkt., 10e., \$0 40	\$1 00	
Caraway Seed.	For flavoring,	10	25	75	Imported Sweet Marjoram,	1 25	
Catnip (Cat Mint). Pkt., 10c.,		35	1 00	Rosemary.	For seasoning		
Chervil.	Used like parsley,	10	25	75	and aromatic oil. Pkt., 10c.,	30	
Chlcory.	Large rooted . . .	10	20	60	Rue.	Has medicinal qualities,	85
Coriander.	Seeds aromatic,	10	20	60	Saffron.	Medicine and dyeing,	30
Dill.	For flavoring vingear .	10	20	60	Sage.	Most used of all herbs,	50
Fennel. (Sweet) . . . .		10	25	Sorrel. (Large-Leaved.) Cul-	45	1 50	
Fennel. (Florencee) . . . .		20	50	tivated for acidity . . . .	10	30	
Horehound.	Pkt., 10e. . . .	25	75	Summer Savory.	Culinary,	1 00	
Hyssop.	Medicinal. Pkt., 10e.,	25	75	Winter Savory.	Flavoring,	30	
Lavender.	For oil and water,	20	50	Tansy.	For bitters. Pkt., 10e.,	50	
Marigold, Pot.	For soups .	15	45	Thyme.	Broad-leaved. Pkt., 10c.,	1 75	
					75	2 50	
					Wormwood.	For poultry .	40
						1 40	



Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, the writer has given particular attention to this department of the business and made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality.

### JOHNSON'S THOROUGHBRED FIELD CORN

Selected for Seed—Tested for Vitality

### THE 100-DAY BRISTOL FIELD CORN

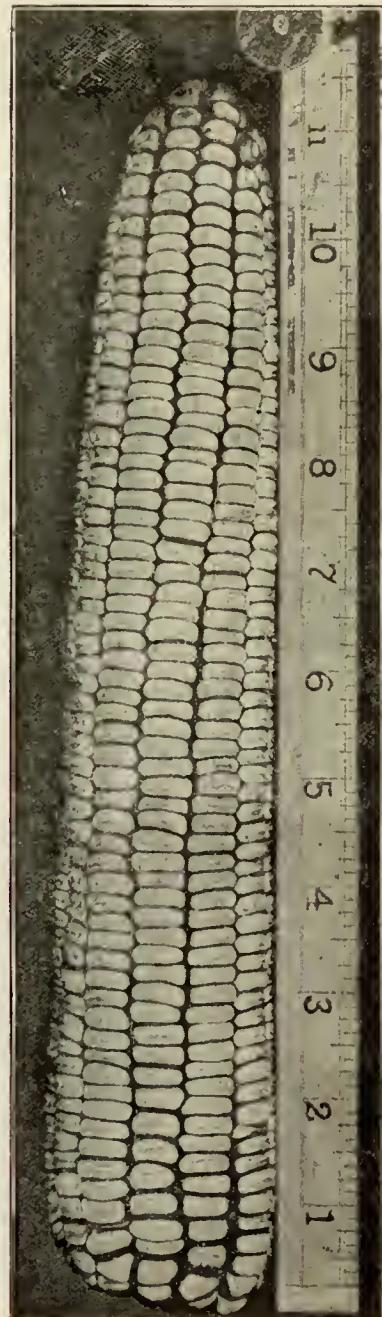
When a few years since, before naming and introducing it, I first saw this corn growing in the field, with its **enormous stalks and fodder**, one-half again as high as an ordinary-sized man, and its magnificent ears, averaging nearly a foot in length, as shown in the photograph, I was inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of customers, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow; the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. It is very high in protein, making it a fine ensilage corn. In fact, it is a **perfect field corn in all respects**. Prices,

pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., post-paid, by mail; by express or freight, shelled, peck, 60c.; bush., \$1.75; sack of 2 bush., \$3.30; 10 bush. and over, \$1.55 per bush.; 50 ears, \$2.75; 100 ears, \$5.00, sacks included.



A few rows of 100-DAY BRISTOL CORN from our field of 22 acres, showing its wonderful growth of fodder.

*The photograph alongside was taken August 3d, 1906. The writer of this catalogue, Herbert W. Johnson, standing at the end of the row, is 5 feet 11 inches tall, and as will be seen, the stalks at that early time were about one-half again as high, and before the end of the season many measured 13 to 14 feet.*



Average ear, 100-DAY BRISTOL CORN.

# Austin's Colossal

## Yellow Dent Corn

A wonder in large size of ears, uniformly over a foot in length, as shown in photograph alongside

### The Highest Average Yielder

The writer first saw this new corn while visiting the Pan-American Exposition at Buffalo, in 1901. Of the hundreds of varieties there exhibited, from almost every State in the Union, it carried off the honors, and I feel justly proud in being the first to procure the seed from its experienced originator, Mr. H. W. Austin, to offer for sale. The yield on the farm of the originator in past seasons has averaged over 100 bushels to the acre, and in the most unfavorable seasons it has never given anything but a good yield of its magnificent ears, borne two to a stalk, ripening in 115 to 125 days from planting; grain deep, rich yellow, very heavy, and will sell for the highest prices on any market in the land; stalks medium, not too large, and produce enormously on both light and heavy land. Prices for 1908: lb., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, sacks included, peck, 65c.; bush., \$1.80; bag of 2 bush. for \$3.50. On ear, 25 ears for \$1.75; 50 ears for \$3.00; 100 ears for \$5.00.

### Improved Leaming Corn

I feel it a great honor to have been the first to call attention to the great value of the **True Improved Leaming Corn**, twenty years ago, since which time it has grown in popularity each season, and is now catalogued by nearly every seedsman in America. It is probably more largely planted now, both in the Northern and Southern States, than any other field corn known. This and the **100-Day Bristol Corn**, on the preceding page, are by far the earliest and best large-eared Early Yellow Dent Corns in cultivation. The ears are **large and handsome**, with **good, deep grain**, of deep orange color and small red cob. Stalks grow to medium size (not large), with few suckers, slender and leafy, making most excellent fodder, producing two good ears to each stalk; husks and shells easily. It ripens in 90 to 100 days, and never fails to make a good crop even in dry seasons, by reason of its earliness in maturing and strong, vigorous growth. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive, and also in the extreme Northern States and Canada, where it has become very popular for fodder and ensilage purposes. Much of the so-called Leaming Corn of other catalogues is not the true stock as originated and improved by Mr. Leaming. We offer seed grown by ourselves in Chester County, Pa., from Mr. Leaming's original improved strain. Prices, by mail, postpaid, qt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, bags included, qt., 15c.; peck, 60c.; bush., \$1.65; sack of 2 bush., \$3.20; 10 bush. and over, \$1.50 per bush.; ears, 50 for \$2.75; 100 for \$5.00.

#### AUSTIN'S COLOSSAL BEAT THEM ALL

Wm. J. MOTT, Patchogue, N. Y., recently writes: "The Austin's Colossal Corn I bought of you was a colossal sure; it beat any corn that has been grown here yet. It stood 13½ feet high and yielded 255 bushels of ears per acre."

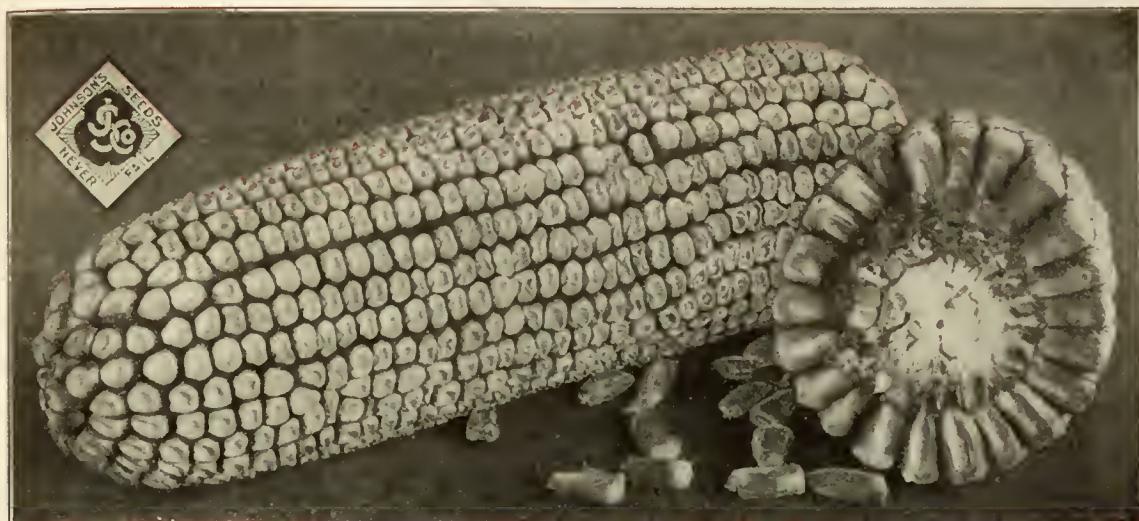


AUSTIN'S COLOSSAL YELLOW DENT, absolutely the largest field corn in cultivation. Our seed selected and grown by the originator.

#### GOLDEN FLEECE OATS

##### Fifty Bushels to the Acre

FRANCIS T. MORRELL, Torresdale, Pa., October, 1907, writes: "Your Golden Fleece Oats yield 50 bushels to the acre; they are the finest and heaviest oats grown in this section." (See description on page 58.)



## Johnson's Giant Beauty Field Corn

**Giant Beauty** is a cross between Cloud's Early Dent and Golden Beauty, possessing the earliness and deep grain of the former, with the handsome, deep yellow color of the latter. Its rich, deep golden color indicates its strong, nutritive qualities. It is a very vigorous grower, averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, sacks included, peck, 55c.; bush., \$1.75; sack of 2 bush., \$3.30; 10 bush. and over, \$1.60 per bush.; 50 ears, \$2.75; 100 ears for \$5.00.

### Corn—Standard Old Varieties

Prices of the following eight varieties, each, per pkt., 10c.; lb., 25c.; 3 lbs. for 75c., postpaid, by mail. By express or freight, quart, 15c.; peck, 55c.; bushel, \$1.75; sack of two bushels, \$3.30; ten bushels or more at \$1.60 per bushel, sacks included.

**IMPROVED SNOW-WHITE DENT.** The earliest, most prolific and best white corn in cultivation. The stalk grows so remarkably quick that it is seldom caught by drought. Ears large and ripen in 105 to 115 days.

**PERFECTED GOLDEN BEAUTY.** A large, broad-grained yellow corn, maturing in 110 days from planting.

**LEGAL TENDER YELLOW DENT.** Originated in Iowa. Very productive, ear large, with deep yellow grain on a small cob; stalk 9 to 10 feet, and matures in 110 to 115 days.

**DELAWARE COUNTY DENT.** Very productive; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from time of planting.

**FARMERS' FAVORITE GOLDEN DENT.** Early, with large ears; productive and adapted to thin soil.

**CHESTER COUNTY MAMMOTH.** Grain large, deep and bright yellow; stalks large, averaging 12 feet.

**EARLY YELLOW CANADA FLINT.** Well adapted to the North and for late replanting.

**HICKORY KING.** The largest-grained and smallest-cobbed pure White Dent Corn in cultivation.

### Ensilage and Fodder Corn

**RED-COB ENSILAGE.** This new and superior ensilage corn we can recommend as the heaviest cropping variety, producing 50 to 75 tons per acre. It is pure White Dent Corn, growing on a red cob. The fodder is sweet, tender, juicy, grows 13 to 14 feet in height. Peck, 45c.; bush., \$1.50; 10 bush. and over, \$1.40 per bush., sacks included.

**BLUNT'S PROLIFIC ENSILAGE.** Also called Mammoth Ensilage. Has produced 70 tons of fodder to the acre, and is one of the most popular. Peck, 60c.; bush., \$1.75; sack of 2 bush., \$3.30; 10 bush. and over, \$1.60 per bush.

**SUGAR CORN FOR GREEN FODDER.** Especially grown for fodder purposes, of quick growth, valuable for feeding green, cutting for ensilage, or curing for fodder. Bush., \$2.00; 5 bush. and over, \$1.90 per bush.

### Seed Barley

**NEW MANSURY.** Earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.50.

**SPRING BARLEY.** Most popular in the North. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.50.

### Spring Wheat

**SASKATCHEWAN FIFE.** This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, postpaid; by express or freight, peck, 65c.; bush., \$2.00; 5 bush. and over, \$1.85 per bush., bags included.



SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.

### SPRING RYE

Distinct from the winter rye; grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff, 7 to 8 feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid; peck, 50c.; bush., \$1.40; 5 bush. and over, \$1.35 per bush., bags included.

### BUCKWHEAT FOR SEED

**NEW JAPANESE.** The kernels are nearly twice the size of any other, of a rich dark brown color, and manufacture a superior flour. It has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Pkt., 10c.; lb., 25c.; 3 lbs., 65c., postpaid; qt., 15c.; peck, 45c.; bush., \$1.25; 5 bush. and over, \$1.20 per bush., sacks included.

**SILVER HULL.** Qt., 15c.; peck, 45c.; bush., \$1.25.

# Choice Northern Grown Seed Oats

EXTRA  
CLEANED



Photograph of average heads of WASHINGTON OATS, 12 inches in length.

## NEW WASHINGTON OATS

The seed of this new white oat was first procured from Professor Carlton, of the U. S. Department of Agriculture, who pronounced them at the head of the Oat kingdom.

Prof. Moore, at experimental station, says: "New, heaviest, thinnest hull, stiffest straw, best of thirty-six varieties; weight, 36 to 40 lbs. measured bushel." A small field of **2 acres** yielded **227 bushels**. Our grower in Ontario County, N. Y., says: "They are the finest oats we have ever grown; straw 4 to 5 feet tall; many heads 10 to 12 inches long (as shown in our photograph alongside); they do not rust; stand up well; the plump meats make it the greatest of all oats." One of the largest and most experienced oat growers in Chester County, Pa., says: "Its wonderful productiveness is far beyond what the most enthusiastic farmers in this section ever expected to realize." Another says: "Twenty bushels per acre more than Welcome or Lincoln." Another grower says: "The best oats we have ever grown; about one week earlier than others; stand up well; do not rust; yield over 90 bushels per acre."

**Prices for 1908.** Choice seed grown in Ontario County, New York. Per lb., 35c.; 3 lbs. for \$1.00, by mail, postage paid. By freight or express: Per peck, 65c.; per legal bush. (of 32 lbs.), \$1.75; sack of 3 legal bush. (96 lbs.) for \$5.00; 10 bush. and over, \$1.50 per bush.

## GOLDEN FLEECE OATS

This splendid oat was first introduced in 1901, and hundreds of our customers have written us of its merits. It is, without doubt, one of the heaviest croppers, with possibly the exception of the **New Washington**, described above. The grains are white, plump and handsome. The straw is very strong and stands up well. The blade is double the size of ordinary oats, which attests the vigor and productive capacity of the strain. On account of its heavy stooing property, 6 pecks (1½ bushels) is sufficient to seed an acre.

Price, per lb., 25c.; 3 lbs., 60c., by mail, postpaid; by freight or express, peck, 45c.; legal bush. (32 lbs.), \$1.40; sack of 3 legal bush. (96 lbs.), \$2.70; 10 bush. and over, \$1.30 per bush., sacks included.

## TARTAR KING OATS

This grand new and prolific white oats has been thoroughly tested in different sections and is highly spoken of. It seems to be adapted to all soils, has a robust and vigorous constitution, is quite early and an immense cropper; straw being long and stout, stands up well and does not readily lodge. The kernels are of large size, thick, plump and heavy. **Prices same as for Golden Fleece, described above.**

## STANDARD VARIETIES

Prices of each of the following **Standard Varieties of Seed Oats**, 25c. per lb., or 3 lbs., 60c., postpaid; by freight or express, peck, 40c.; per legal bush. (32 lbs.), \$1.25; 10 bush. and over, \$1.15 per bush., bags included.

**White Maine**, early, handsome and productive.

**Danish Island**, originally from Denmark; very hardy.

**Swedish, Welcome, White Russian, Virginia Winter Turf**, choicest seed carefully recleaned, at above prices.

# FODDER AND SOILING PLANTS

## PEAS for Fodder and Plowing Under



FIELD OF SOUTHERN BLACK OR RAM'S HORN COW PEAS IN THE NORTH. SOWN JUNE 16th, PLOWED UNDER AUGUST 31st.

### COW PEAS (The Great Soil Improver)

Make Poor Land Rich, Good Land More Productive, and Enrich the Soil

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the cow pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. There is no surer or cheaper means of improving poor soil than by sowing cow peas.

### COW PEAS FOR HAY

If planted early, say by middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following:

PRICES variable with the market.

#### SOUTHERN BLACK EYE COW PEA . . . . .

EXTRA EARLY BLACK EYE COW PEA . . . . .

BLACK, or RAM'S HORN COW PEA . . . . .

WHIP-POOR-WILL and CLAY, EACH . . . . .

MIXED COW PEAS . . . . .

#### PRICES BY LETTER

### CANADA FIELD PEAS and Oats for Fodder

These make a fodder and hay which double the production of milk. The Canada Field Pea, which we sell at \$1.75 per bushel, is the best for this purpose. They should be sown in March or early April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sown and harrowed in. They will be ready for cutting about the latter end of June, when the oats are in milk and the pods formed on the peas. Farmers who have never sown this crop will be surprised at its large yield. It is a nutritious food and relished by all kinds of stock. This crop also makes an excellent soil improver when turned under like cow peas as described above. Write for prices on large quantities.

### VELVET BEAN (The Great Nitrogen Gatherer)

A Worthy Rival of the Cow Pea

This is supplanting the cow pea for cattle food and as a soil renovator; it has been grown in many of the far Northern States with great success and is worthy of a trial everywhere. Its nitrogen-gathering properties are said to surpass those of the cow pea. It is the rankest grower of any of the legumes; two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines twenty to twenty-five feet long, no matter how poor the soil. It leaves a mulch on the ground that is very beneficial to the soil.

It makes an excellent hay and stock eat it well. The en-tivation is the same as for cow peas. Price, per pkt., 10c.; lb., 25c.; 3 lbs., 60c., by mail, postpaid. On larger quantities write for quotations.

### SOJA BEAN—Late Variety

The demand for the SOJA OR JAPANESE SOY BEANS has grown remarkably of late years. Their great value is as a forage crop, for fertilizing the soil and for pasturing or feeding the green fodder much in the same way as the cow pea. This late variety is very valuable south of the Potomac and Ohio Rivers. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, qt., 20c.; peck, 75c.; bush., \$3.00; 5 bush. and over, \$2.90 per bush.

### SOJA BEAN—New Early Variety

The ordinary or late soja bean, while valuable south of the Potomac and Ohio Rivers, is too late to be of value in the far Northern States. This variety ripens in all the Northern States, where it has been grown over four feet in height, and yielded over ten tons per acre. It is a valuable fodder either for feeding green or for the silo. Being a rich nitrogenous feed, it is unsurpassed as a flesh-former, and like the clovers, is a soil-improver. Lb., 25c.; 3 lbs., 60c., by mail, postage paid; by express or freight, qt., 25c.; peck, \$1.00; bush. of 60 lbs., \$3.50.

### EARLY AMBER SUGAR CANE

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. It may be made to furnish the principal food for cattle, horses and mules from August until the following spring. When fed down young as a pasture it grows rapidly again. It also withstands severe drought, and as fodder and for winter feed it is one of the most economical. The seed is valuable as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. By mail, postpaid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 15c.; peck, 60c.; bush. of 56 lbs., \$2.00; 5 bush. or over, \$1.75 per bush.



DWARF ESSEX RAPE—EIGHT WEEKS FROM SOWING.

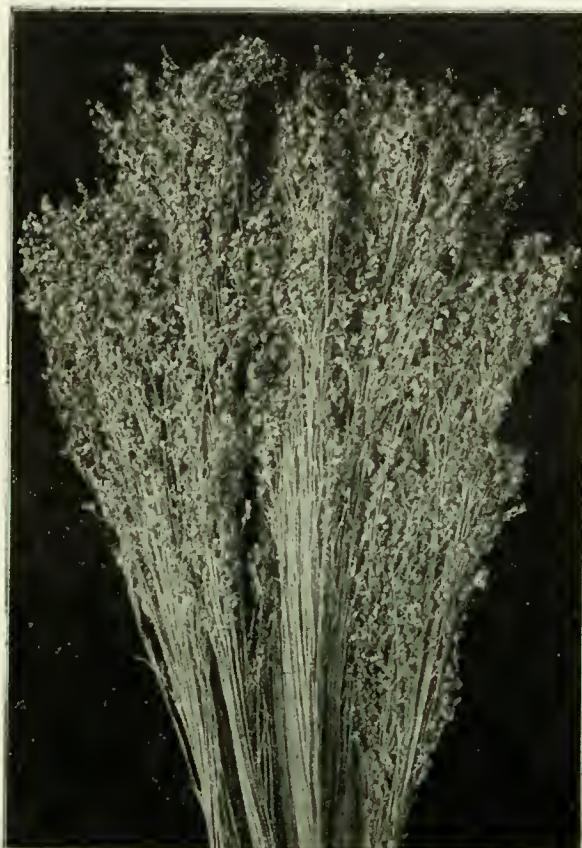
### TRUE DWARF ESSEX RAPE

Dwarf Essex Rape is largely grown in this country on account of its rapid growth, being ready to feed in eight to ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds. While unequalled as a pasture for sheep, as a food for all cattle, calves or pigs, it is without a rival, its fattening properties being twice as great as clover, making a much relished and most succulent food from May to December. Lb., 25c.; 3 lbs., 60c., by mail, postpaid; by express or freight, lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; bush. of 50 lbs. for \$3.25; 100 lbs. and over at 6c. per lb. Special prices by letter for larger lots.

### Fruit Tree Seeds

Peach Pits. Pure Tennessee, natural, lb., 20c., postpaid; bush., \$3.00. Apple Seed, lb., 40c. Apricot Pits, oz., 10c.; lb., 50c. Pear Seeds, French, oz., 20c.; lb., \$2.00. Osage Orange. For hedges. Lb., 45c.; bush., \$8.00.

**PRICES** on all seeds for fodder and soiling fluctuate with the market. We can frequently supply lower than catalogue rates. Write for quotations.



BRUSH OF WEBER'S IMPROVED EVERGREEN BROOM CORN.

### Weber's Improved Evergreen THE BEST BROOM CORN IN CULTIVATION

Originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color, without the slightest reddish tinge. It makes by far the best brooms of any corn grown, and commands the very highest prices. Customers who have grown this corn report yields of over 1,000 lbs. of brush to the acre. Height, 7 to 8 feet. Lb., 30c.; 3 lbs., 75c., postpaid; qt., 25c.; peck, 80c.; bush., \$2.75.

### KAFFIR CORN The Great Forage Plant

Will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain is extremely valuable for feeding to poultry and will make a flour that is like wheat flour. Cultivated the same as our common Indian corn, requiring four to five pounds of seed per acre. By mail, pkt., 10c.; lb., 25c.; 3 lbs., 60c.; by freight or express, qt., 10c.; peck, 50c.; bush., 60 lbs., \$1.50.

### RED AND WHITE MILLO MAIZE

These are popular varieties of sorghum, somewhat similar to Kaffir Corn in growth; valuable for both forage and grain. Four pounds will plant an acre. Cultivation is same as for Kaffir Corn. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight, qt., 15c.; peck, 60c.; bush., \$1.75.

### WILD RICE (*Zizania Aquatica*)

A native plant, furnishing food for wild fowl, ducks, geese, etc., also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water. Directions for culture with all orders when requested. Lb., 35c.; 3 lbs., \$1.00, postpaid; by express, lb., 25c.; 10 lbs. and over, 20c. per lb.

### SAND OR WINTER VETCH (*Vicia Villosa*)

For forage and fertilizing purposes; it succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring, it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Sow 50 to 60 pounds per acre with  $\frac{1}{2}$  bushel rye, oats or barley. Price, per lb., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, lb., 20c.; 10 lbs., \$1.50; 100 lbs. and over, 10c. per lb.

### SPRING VETCHES, or TARES

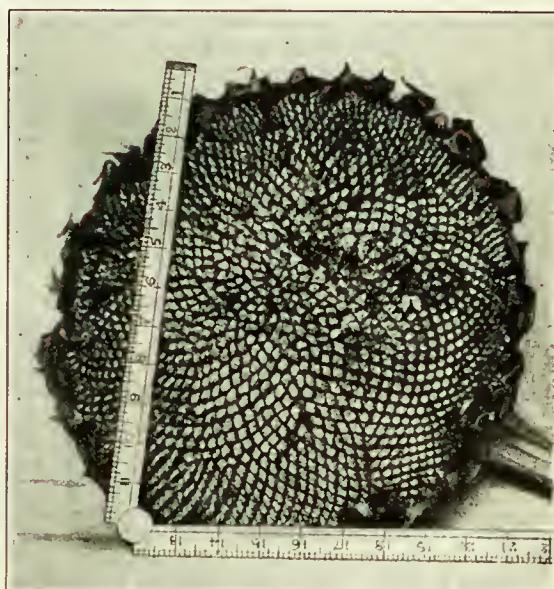
A species of very small pea, grown extensively in England and Canada for stock feeding. The seed is also largely used for pigeon feed. Culture same as for field peas. Lb., 25c., postpaid; qt., 20c.; peck, \$1.00; bush., \$3.00, by freight.

### Speltz, or Emmer (*Triticum Spelta*)

This new Russian grain is intermediate between wheat and barley, and is readily eaten by all kinds of stock. It is adapted for milling, as well as for feeding, making a grade of flour similar to rye. The straw resembles wheat straw. It grows large crops—40 to 80 bushels per acre—on poor lands, stony ground and open prairies, and will give double the crop of oats or barley. Pkt., 5c.; lb., 30c.; 3 lbs., 75c., postpaid; by freight or express, qt., 15c.; peck, 50c.; bush., \$1.50; sack, 2 bush., \$2.75; 5 bush. and over, \$1.25 per bush.

### Mammoth Russian Sunflower

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is **twice as great**. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses and poultry, and yields fine quality of oil. The strong thick stalks are used for fuel. Oz., 5c.; qt., 15c. (qt., postpaid, 25c.); peck, 50c.; bush., \$1.50; sack, 2 bush., \$2.75; 5 bush. and over, \$1.25 per bush.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER.

### AUSTRALIAN SALT BUSH

Valuable for arid and alkali soils. It remains green all winter, and will yield 20 to 30 tons to the acre. One pound of seed will plant an acre. Sow broadcast, in soil well pulverized, after all danger of frost is past. Mix the seed with ten times its weight of loam, sand, ashes or plaster; cover lightly. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.20, postpaid.



JAPANESE MILLET—FIELD FROM WHICH OUR ORIGINAL SEED WAS SAVED BY THE INTRODUCER, PROF. BROOKS.

### Japanese Barnyard Millet

Valuable new forage plant introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. Yields enormously, in all sections of the United States, hay and fodder of excellent quality, growing 6 to 8 feet in height and yielding 12 to 20 tons per acre. Cattle and horses eat it greedily. Sow in May or June broadcast, 10 to 12 lbs. per acre, or in drills, 8 lbs. per acre. Prices, by mail, postpaid, per lb., 25c.; 3 lbs., 60c.; by express or freight, lb., 15c.; 10 lbs., \$1.00; bush. of 30 lbs., \$2.00; bag of 2 bush. for \$3.50.

### Hungarian Millet

The most popular annual millet, yielding two or three tons of hay per acre. Sow 1½ bushels to the acre in May or June. Price varies. Qt., 10c.; bush., 48 lbs., about \$1.50.

### Pearl Millet, or Pencillaria

For several years we have been experimenting with all the known forage plants and have found nothing superior to Pearl Millet either in enormous growth or quality. It has produced the most abundantly and can be cut several times during the season. The United States Agricultural Department has also made numerous experiments and with about the same results. If you grow green forage, try East Indian or Pearl Millet, and you will find there is nothing better. Drill in 2 feet rows, 10 lbs. to the acre. By mail, postpaid, per pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, lb., 20c.; 10 lbs. (enough for one acre), \$1.00; bush. of 50 lbs., \$4.00.

### Jerusalem Artichoke Roots

The best hog food known. Very productive and possess remarkable fattening properties. Lb., 35c.; 3 lbs., \$1.00, postpaid; by freight or express, peck, 75c.; bush., \$2.50; bibl. of 3 bush. (enough for one acre), \$6.50.

### Artichoke Seed—Large Green Globe

The flower head makes a delicious table vegetable, cooked like asparagus. Pkt., 10c.; oz., 30c.; lb., \$3.00.

### Long White Cow Horn Turnip

THE MOST POPULAR AND BEST FOR STOCKMEN

Pure white, except a little shade of green at the top, and carrot-like in form, growing nearly half out of the ground. It is delicate and well flavored, of rapid growth and very nutritious, a heavy cropper and fine keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c., postpaid; 5 lbs. and over, by express, 35c. per lb.



Photograph of Millet tests. Note the difference. The tall, leafy sort on the man's right is the Genuine Southern Grown German. The one on his left is Common Western Millet.

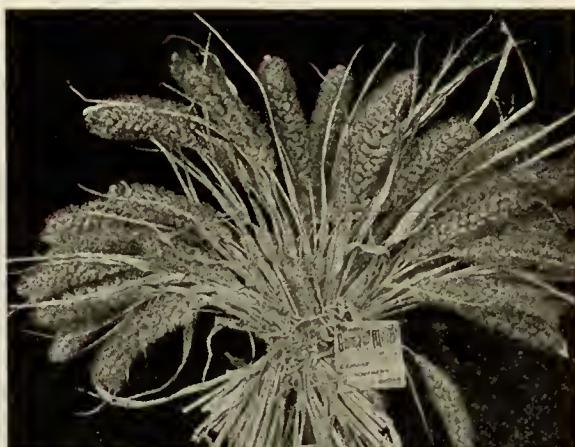
### German Millet (Southern Grown)

Southern grown German or Golden Millet seed is far superior, both in quality and yield, to Western or Northern grown seed. When properly grown and handled, it makes an enormous yield of nutritious feed, succeeding in almost any soil. Sow in May or June, one bushel to the acre. Price varies with the market. See photograph of seed heads below. Qt., 10c.; bush., 50 lbs., about \$1.75.

### TEOSINTE

(*Reana Luxurians*.)

This gigantic Gramine will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills 4 feet apart. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid; by express or freight, lb., 65c.; 5 lbs. and over at 60c. per lb.



SEED HEADS OF TRUE SOUTHERN GROWN GERMAN MILLET.

### Tobacco Seed

CONNECTICUT SEED LEAF. Saved from selected plants. Pkt., 10c.; oz., 20c.; ¼ lb., 55c.; lb., \$2.00.

HAVANA. Genuine imported seed, direct from Cuba. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.75.

SUMATRA, STERLING, GENERAL GRANT, PENNSYLVANIA AND LANCASTER BROAD LEAF, each pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

# THE DAYS OF USING SOD

will soon be over, when people know how easily beautiful lawns are made ready for cutting in from 5 to 8 weeks by sowing Johnson's Lawn Grass Seed Mixtures. It is a well-ascertained fact that a thick and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some mature early, others late; so that from the beginning of spring until winter sets in, there is no time when one species or another is not at its best. For this reason, the judicious selection of grass seed, for the creation of a beautiful lawn or grass plot, or a durable pasture or hay crop, requires a knowledge obtained only by an intimate study of the habits of varieties as respects quality of herbage and vigor of constitution. It is not sufficient to select the one grass indigenous to the soil or climate, for it may not possess the many qualities requisite for the purpose desired, for hardiness and permanence, which combination of qualities and character is best found in a mixture of sorts.

A quart of Lawn Grass will sow about 300 square feet. Three to four bushels will sow an acre. Instructions how to prepare and sow a lawn accompany each package or bag of seed.



## Johnson's "Fancy" Lawn Grass Seed

will produce a permanent and velvety deep green sward at all seasons.  
Equally valuable for renovating old and worn-out lawns

This is our best mixture of the best deep-rooted, native and acclimated foreign, fine-leaved grasses, properly blended, so they can not be excelled for the purpose, standing the extremes of heat, drought and cold. This is really the cheapest, cleanest and heaviest mixture of Lawn Grass Seed ever offered, because, while other mixtures on the market will not average over 14 lbs. to the bushel, this weighs 22 lbs. per bushel. Price, qt., 20c. (qt., postpaid, 25c.); 4 qts., 65c.; peck, \$1.25; bush., 22 lbs., \$4.50.

## Johnson's Standard Evergreen Lawn Seed Mixture

Johnson's Standard Evergreen is a well-balanced combination made from our own formula, of fine native grasses that will produce a beautiful effect throughout the whole of the growing season. It has become standard, being largely used on the best public and private grounds around Philadelphia, New York and other large cities. Price, per qt., 15c. (qt., postpaid, 20c.); peck, \$1.00; bushel, \$4.00.

## Fairmount Park Lawn Grass Mixture

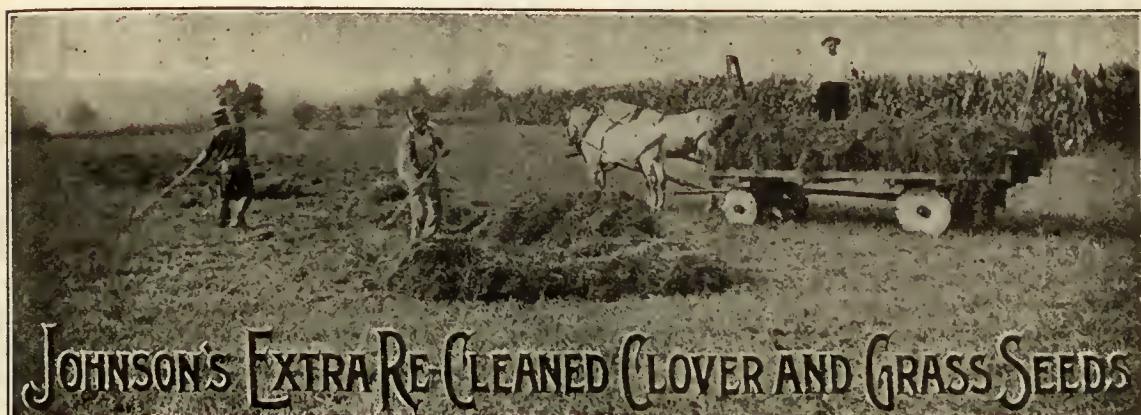
This mixture we supplied for many years to Fairmount Park, the largest in the world. It will give good results where the finest grasses are not required, and is also valuable for use on railroad embankments, terraces and exposed lawns. Qt., 15c. (qt., postpaid, 20c.); peck, 75c.; bush., 14 lbs., \$2.75.

## Johnson's Shadow Lawn Grass Seed

This is a new mixture, prepared especially for shady places

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend its use. Qt., 25c. (qt., postpaid, 30c.); peck, \$1.25; bush., \$4.50.

Where several bushels of Lawn Grass Seed are wanted, write for SPECIAL PRICES



## JOHNSON'S EXTRA RE-CLEANED CLOVER AND GRASS SEEDS

**CAUTION.** Be very careful about buying seed offered below the market price, as there are many samples adulterated to a large extent with Yellow Trefoil and other worthless seeds. We are exceedingly careful of our source of supply, handling one grade only, and that the best.

**POSTAGE ON CLOVER AND GRASS SEEDS:**  
Add 10c. per lb., if ordered by mail.

### Prices Subject to Market Changes

**ALFALFA, or LUCERNE CLOVER.** Every farmer should have at least a few acres of alfalfa clover. There is no difficulty in getting a good stand, if care is taken in putting it in right and taking care of it afterwards. Sow in the spring or in August, as preferred, at the rate of 25 to 40 lbs. per acre; see that the soil is sweet and well manured. When a good stand is once secured, it will last from 8 to 10 years, giving three or four crops per annum. Price, per lb., 20c.; 10 lbs., \$1.75; bush., 60 lbs., about \$10.25.

**TURKESTAN ALFALFA.** (True.) Imported from Turkestan, withstands the drought of summer and cold winters better than ordinary alfalfa. Price, per lb., 25c.; 10 lbs., \$2.00; bush., 60 lbs., price on application.

**CRIMSON or SCARLET CLOVER.** This annual clover, as an improver of the soil, or for an early summer forage or hay crop, is first-class. Lb., 15c.; 10 lbs., \$1.25; bush., 60 lbs., about \$4.50.

**ALSIKE, or SWEDISH CLOVER.** Hardest of all; well adapted for permanent pastures or for hay crop. Thrives equally well on wet or dry soil. Sow six pounds per acre in spring or fall. Lb., 20c.; 10 lbs., \$1.80; bush., 60 lbs., about \$10.50.

**WHITE DUTCH CLOVER.** Best to sow with lawn grass; valuable in permanent pastures. Oz., 5c.; lb., 30c.; 10 lbs. and over, 25c. per lb.; bush., 60 lbs., price on application.

**CLOVER MEDIUM RED.** Free from weed seeds and of high germination. Lowest market prices quoted by letter.

**MAMMOTH PEA VINE, or SAPLING CLOVER.** Market variable. Write us for lowest market prices.

**SAINFOIN, or ESPARSETTE.** A land-enriching, perennial clover. Lb., 15c.; 10 lbs., \$1.25.

**BOKHARA CLOVER (Honey Plant.)** Lb., 25c.; 10 lbs., \$2.25.

**MEADOW FOXTAIL, ROUGH STALKED MEADOW, FINE LEAVED FESCUE, TALL FESCUE.** Each, per lb., 40c.; 10 lbs. and over, 35c. per lb.

We carry a large line of Grasses; any variety not listed will be cheerfully quoted by letter.

## Johnson's Special Mixtures for Permanent Pastures and Mowing Lands

No. 1 Grass Mixture for Permanent Pasture } Each, per bush., \$3.25, or in lots of 10 bush. and  
No. 2 " " " " " Mowing } over, \$3.00 per bush., sacks included.

**Johnson's Fair Green Mixture for Golf Links.** Excellent for the purpose. Sow 4 bushels to the acre. Price, per qt., 15c.; peck, 75c.; bush. (15 lbs.), \$2.50; 10 bush. and over, \$2.25 per bush.

**Johnson's Putting-Green Mixture for Golf Links.** Produces a thick, tough, beautiful green turf. Sow 3½ bushels to the acre. Price, qt., 30c.; peck, \$1.75; bush. (20 lbs.), \$5.00.

## Good Pastures Are the Foundation of Successful Farming

A combination of a number of native and acclimated foreign grasses and clovers, blended to produce a permanent, dense and deep rooting turf yielding yearly the maximum quantity of hay, and afterwards affording a constant and abundant pasture. After the hay is cut, the grass recovers its verdure in a few days, and affords excellent pasture even through dry summer weather. Both mixtures will maintain their valuable qualities 20 years or more if they are occasionally top-dressed with manure and sprinkled with grass seed. Sow 2½ bushels to the acre.

Each, per bush., \$3.25, or in lots of 10 bush. and over, \$3.00 per bush., sacks included.

# JOHNSON'S PERFECTION ASTERS

## FROM THE LEADING AMERICAN AND EUROPEAN SPECIALISTS

We offer herewith a superb collection of Giant Asters, which cannot be surpassed for freedom of bloom, perfection of form, brilliancy in color, and sturdiness of habit.

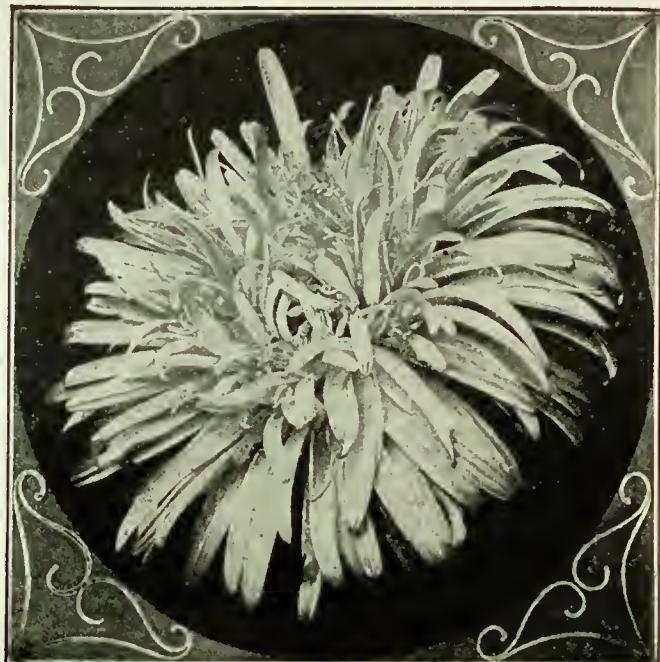
### Asters of Sterling Merit

#### LAVENDER GEM ASTER

375. We cannot commend this magnificent ostrich-feathered aster too highly for its many excellent qualities. The color is an exquisite lavender, a profuse bloomer, of medium height, erect habit, and the flowers, which resemble a ragged chrysanthemum, are always double and borne on long slender, wiry stems. Blooms very early, following the Queen of the Market and before the Day-break. Per packet, 15c.

#### NEW ROYAL PURPLE ASTER

377. The flowers of this superb strain are large and full, with centers well covered. Although an offshoot from the popular Branching Aster, it is entirely distinct in flower and habit. It is a vigorous grower and comes into bloom before the Late Branching, when there is a heavy demand for asters. Its long stems make it invaluable for cutting. Per packet, 15c.



**SNOWDRIFT ASTER.**

Per packet, 15c. The earliest aster in cultivation.

#### EARLY SNOWDRIFT

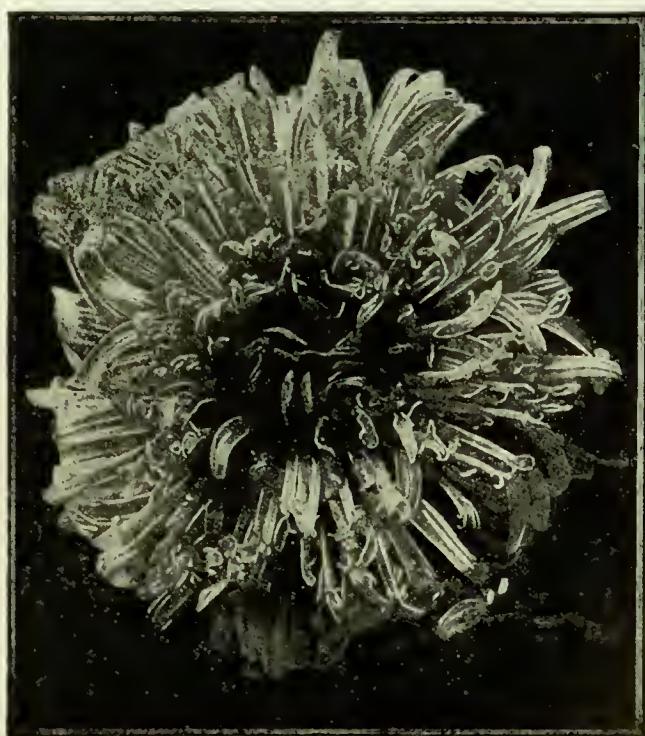
376. The Earliest Aster in cultivation, being a few days in advance of Queen of the Earlies, while the flower is not surpassed in beauty by any of the later varieties. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of twelve to twenty long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. The type is well established, the flowers all coming perfectly double. (See cut.) Per packet, 15c.

#### NEW GIANT COMET ASTER TRIUMPH OF PARIS

378. A magnificent aster of pyramidal habit and grows from 2 to 2½ feet high and produces flowers from 4½ to 5 inches across, with long, pure white outer petals, in the center of which the quilled disk florets form a bright golden yellow wreath. Per packet, 15c.

#### NEW CARDINAL ASTER

379. As its name indicates, this new and distinct aster is a bright rich carmine and surpasses all other asters for brilliancy in color and profusion of bloom. The flowers are large, round and full and borne on graceful stems of average length. As a bedding aster it vies with the Scarlet Sage and blooms from early August until late in the fall. Per packet, 15c.



**LAVENDER GEM ASTER.**

Per packet, 15c.

**NEW FRINGED PETUNIA  
"CANARY BIRD"**



NEW FRINGED YELLOW PETUNIA, "CANARY BIRD"  
Per packet, 20c.

**NEW CHRYSANTHEMUM,  
BRIDAL ROBE**

710. The plants are of compact and erect habit, and do not exceed 10 inches in height. The pure white flowers are densely double and of exceptional value for bedding and cutting. Per packet, 10c.

**NEW YELLOW PETUNIA,  
CANARY BIRD**

**A Novelty of Sterling Merit**

2355. It has been the eager desire of the world's flower seed hybridizers to produce a large flowering Yellow Petunia. After years of pains-taking labor, a German Petunia specialist has at last had his efforts crowned with success. The plants are of compact habit, attaining a height of 14 inches and the color of the flower is a distinct yellow, deepening in the throat, with fringed and curled edges. Per packet, 20c.

**NEW DOUBLE CRIMSON  
PETUNIA, KING ALPHONSO**

2353. A charming new hybrid that is destined to become one of the most popular petunias that has been introduced in many years. The beautiful dark crimson flowers attain an immense size, in so much that the broad fringed and ruffled petals almost conceal its brilliant black throat. Per pkt., 20c.; 3 pkts., 50c.

**NEW POPPY, ADMIRAL**

2394. This single peony-flowered poppy is of surprising beauty. It is characterized by large, round, smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors make an extremely striking contrast, similar to that seen in the variety Damebrog. When planted in groups, the Admiral Poppy produces a magnificent effect. Per pkt., 15c.

**NEW GIANT ORIENTAL  
POPPY, "COLOSSEUM"**

2393. Few plants can rival in splendor the beautiful Oriental Poppy. The tall plants, with their deeply cut dark green leaves, produce a striking effect. The flowers are a glistening dark scarlet, measuring 8 inches across and 20 inches in circumference, and exceedingly effective when displayed in large vases. Per pkt., 15c.; 2 pkts., 25c.

**NEW PINK, "SNOWDRIFT"**

1070. This is one of the most beautiful Double Dianthus ever introduced. The plant is very robust, branching freely, growing about a foot high, and throwing up a quantity of most exquisitely beautiful flowers, 3 to 4 inches across, perfectly double and with the finest fringed petals of the purest white. The effect in single plants is very pleasing, but in massing them it is very showy indeed. Per packet, 10c.

**THE MOST LIBERAL PREMIUMS EVER OFFERED**

50 CENTS WORTH OF SEEDS EXTRA ALLOWED FOR EACH ONE DOLLAR SENT US FOR SEEDS IN PACKETS

**\$1.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$15.00**

**\$2.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$3.00**

**\$5.00 BUYS SEEDS BY THE PACKET TO THE VALUE OF \$7.50**

25 CENTS WORTH OF SEEDS EXTRA ALLOWED FOR EACH ONE DOLLAR SENT US FOR SEEDS BY THE OUNCE

**\$1.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$1.25**

**\$2.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$2.50**

**\$5.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$6.25**

**\$10.00 BUYS SEEDS BY THE OUNCE TO THE VALUE OF \$12.50**

## FLORAL NOVELTIES AND SPECIALTIES

## Johnson's Mammoth

## Perfection Cosmos

The flowers of this grand strain measure 4 inches across and produce a profusion of bloom from late summer until killed by frost. Splendid for cutting. Start the seed early.

No. 933. Mammoth White, 10c. per pkt.  
 No. 935. Mammoth Pink, 10c. per pkt.  
 No. 936. Mammoth Scarlet, 10c. per pkt.  
 No. 932. Mixed, 10c. per pkt.

New Carnation,  
Giants of Nice

No. 655. A new giant strain of perpetual carnations, introduced by a celebrated French specialist. It is unquestionably the finest of the perpetual class, attaining an immense size and beginning to bloom almost as early as the Carnation Marguerite, and producing nearly 100 per cent. double flowers, with a large percentage of yellows. They are profuse bloomers, deliciously fragrant and contain a magnificent variety of colors and markings. As the flowers last a long time after being cut, they will be found equally valuable to the florist and private gardener for open ground or pot culture. Pkt., 20c.; 3 pkts., 50c.



MAMMOTH PERFECTION COSMOS. Per pkt., 10c.

## NEW GIANT PANSY, EROS

No. 2315. A superb giant-flowered pansy of perfect form and heavy texture. The flowers are a deep velvety brown, with golden yellow edge. A notable characteristic of this beautiful pansy is that the yellow edge or margin can be distinguished on the reverse of the petals. For bedding this variety is strikingly effective. Per pkt., 15c.

## NEW FRINGED PINK, MEPHISTO

No. 1100. A charming new single fringed Indian Pink, attaining a height of 8 to 10 inches, of free flowering compact habit. The flowers vary from light salmon to dark scarlet, with black bands and stripes, and have a sharply defined white edge. Per pkt., 15c.

## JOHNSON'S FAMOUS WILD FLOWER GARDEN

Per packet, 5c.; ounce, 10c.;  $\frac{1}{4}$  pound, 30c.

No. 2960. Our Wild Flower Mixture consists of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.



SCHOOL CHILDREN CULTIVATING FLOWERS ON VACANT LOTS ON OUTSKIRTS OF THE CITY.

## Princess Pinks

(*Dianthus Laciniatus*  
*Punctatus*)

No. 1099. Magnificent strain of the single fringed annual pinks, with mottled, flaked, striped and marbled flowers in the greatest diversity of colors. The plants are bushy and compact, about one foot high and flower profusely throughout the season. Per pkt., 15c.; 2 pkts., 25c.

## Dianthus Laciniatus

## Paragon

No. 1071. Some years ago we introduced and are still selling *Dianthus Laciniatus* New Hybrids. The new variety, Paragon, is selected from these New Hybrids, and has been brought to very great perfection. Its color is of a delicate deep claret, which shows a wonderfully beautiful effect, either in the individual flowers massed together as cut flowers or planted outdoors in groups or borders. It is highly recommended, and we offer it with every confidence that it will please everyone who tries it. Price, Pkt., 15c.; 2 pkts., 25c.

# General List of Flower Seeds

PLEASE ORDER BY NUMBER

## ABRONIA

40. **Umbellata.** Charming annual trailer for vases, rockwork, etc. Pkt., 5c.  
 45. **Abutilon.** Large bell-shaped flowers; various colors, richly veined. Mixed colors; tender perennial. Pkt., 10c.  
 50. **Acroclinium.** Mixed double flowering. Au "ever-lasting" for winter bouquets. Pkt., 5c.



AGERATUM.

Pkt., 5c.  
 107. **Blue Perfection.** Very dark blue, dwarf, finest of all. Pkt., 5c.  
 109. **Princess Victoria Louise.** Novelty. Centre white, edged with blue. Very beautiful sort, dwarf. Pkt., 10c

## ALYSSUM

A garden favorite, flowering profusely throughout the season from spring-sown seed. Excellent for ribbon lines and edging. Very fragrant annual, 6 to 9 inches high.

140. **Sweet Alyssum.** Oz., 20c.; pkt., 5c.  
 141. **Tom Thumb.** Dwarf. Oz., 25c.; pkt., 5c.  
 142. **Little Gem.** Distinct, very dwarf. Oz., 40c., pkt. 5c.  
 143. **Saxatile Compactum.** Perennial; yellow. Pkt., 5c.  
 144. **Carpet of Snow.** Pure white, only 2 to 3 inches high, a profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant; annual. Pkt., 5c.



BORDER OF ALYSSUM "CARPET OF SNOW."

## AMARANTHUS

Ornamental foliage and flowering annuals. Very rapid growth and easy culture. For semi-tropical gardening they are very effective.

160. **Caudatus (Love-lies-bleeding).** Pkt., 5c.  
 161. **Tricolor (Joseph's Coat).** Pkt., 5c.

## ADLUMIA

60. **Cirrhosa** (Mountain Fringe or Allegheny Vine). A charming climber. Pkt., 10c.

## AGERATUM

Annuals bearing a profusion of feathery flowers. Excellent for bedding in summer or pot culture in winter. Flowering profusely and continually; 2 feet high.  
 100. **Mexicanum.** Lillac blue. Pkt., 5c.  
 101. **Lasseauxii.** Beautiful rose color. Pkt., 5c.

102. **Choice Mixed.** Per oz., 25c.; pkt., 5c.

104. **White Gem.** Very dwarf, free flowering. Pkt., 5c.

105. **Little Dorrit.** Azure blue. Pkt., 5c.

106. **Swanley Blue.** Large flowers; fine.

## AMPELOPSIS VEITCHII (Boston Ivy)

The Ampelopsis Veitchii is a hardy perennial climber from Japan, with beautiful, glistening, olive-green leaves which turn a beautiful scarlet in the autumn. It is the best and most popular climber for covering stone or brick walls.  
 180. Seed, 10c per pkt.; 25c. per oz. Plants, 20c. each \$2.00 per dozen.

## ANTIRRHINUM

(Snapdragon)

Half-hardy perennials for the summer flower bed or border. Are very showy and flower the first season from seed. Two to three feet high.

220. **Nanum.** Dwarf. mixed. Pkt., 5c.

221. **Majus.** Tall. mixed. Pkt., 5c.

223. **Queen of the North.** Large, pure white; fine for beds or borders. Pkt., 10c



AQUILEGIA, OR COLUMBINE

## AQUILEGIA, OR COLUMBINE

Hardy perennials luxuriantly in the moist situations in the garden, where they form permanent clumps, growing from 1½ to 3 feet high. The large, unique, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration.

240. **Single Varieties.** Mixed. Pkt., 5c.

241. **Double Varieties.** Mixed. Pkt., 5c.



ARCTOTIS GRANDIS. 10c.

## ARCTOTIS GRANDIS

No. 250. A handsome new annual, growing luxuriantly in our climate and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. Its flowers are large and showy, from 2½ to 3 inches across; pure white on the upper surface, embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Pkt., 10c.

## JOHNSON'S SUPERB ASTERS



PHOTOGRAPH QUEEN OF THE MARKET ASTER.

## QUEEN OF THE MARKET ASTER

Two to three weeks earlier than most other Asters, of dwarf branching habit, very double flowers, valuable for cutting. A favorite Florist's Aster for early market.  
 302, White; 303, Pink; 304, Crimson; 305, Light blue; 306, Purple; 307, Mixed. Price, all the above, 10c. per pkt.

## PÆONY FLOWERED PERFECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long incurved petals. Fine for florists.  
 321, Snow white; 322, Glowing crimson; 318, Brilliant rose; 323, Azure blue; 324, Purple; 320, Carmine, edged white; 325, Dark rose, edged white; 319, Blue, edged white; 326, Choice mixed sorts. Price, all the above, 10c. per pkt.

## VICTORIA ASTERS

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

355, Pure white; 356, Deep pink; 357, Light blue; 358, Deep scarlet; 359, Peach blossom; 360, Choice mixed sorts. Price, all the above, 10c. per pkt.

## COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and resembling the Japanese Chrysanthemum.

345, Pure white; 346, New carmine; 348, Deep pink; 349, Delicate pink, edged white; 347, Choice mixed sorts. Price, all the above, 10c. per pkt.

## NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high.

	PER PKT.
351. Apple Blossom. Shell pink . . . . .	\$0 10
352. Crimson. Very showy and handsome . . . . .	10
353. Deep Rose. An excellent color . . . . .	10
1 pkt. each of these 3 Glorious Asters, 25c.	
354. New Jewel. Mixed colors . . . . .	10

## GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

	PER PKT.
331. German Quilled. (Bettbridge's Prize) Mixed . . . . .	\$0 05
332. " " Pure white . . . . .	05

## NEW EXTRA EARLY GIANT PLUME ASTER

As early as Queen of the Market and of immense size, many blooms measuring five inches in diameter. The long, recurved petals give an exceedingly graceful effect, heightened by the irregular character of the petals in the center of the flower. Perfectly double.

364. Pure white. 365. Pure rose; each, 20c. per pkt.

## NEW OSTRICH FEATHER ASTER

366. The Ostrich Feather Asters are a new type, with long, wavy, twisted feathery petals, like the wavy, beautiful feathers of the ostrich. Flowers frequently measure four inches across, in long, thin, wiry stems. Price, mixed colors, 15c. per pkt.

## CROWN ASTER

339. Centers white, surrounded by a broad margin of color, such as crimson, rose, violet, etc., flowers large and freely produced; height, 18 inches to 2 feet. Pkt., 10e.; 3 pkts., 25c.

## NEW YELLOW ASTER

361. A double flower in the form of a perfect ball; of the brightest sulphur-yellow. Long, erect stems; excellent for cutting. Per pkt., 10e.; 3 pkts. for 25c.

## DWARF CHRYSANTHEMUM FLOWERED ASTERS

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

	PER PKT.
327. A. Chrysanthemum Flowered, mixed . . . . .	\$0 10
328. A. Chrysanthemum Flowered, pure white . . . . .	10

## DEEP SCARLET TRIUMPH ASTER

333. Beautiful dwarf Aster; immense flowers of faultless form. The color is rich, brilliant scarlet; very prolific. Pkt., 10e.

## GIANT VICTORIA OR WASHINGTON

A magnificent variety of compact habit; flowers measure 5 inches across, of splendid substance, fine form, and bloom profusely during August and September.

367. Snow white; 368, Peach blossom pink; 369, Dark violet; 370, Azure blue; 371, Bright crimson; 372, Choice mixed. Price, all the above, 10c. per pkt.

## NEW BRANCHING ASTERS

The new Branching Aster is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems.

	PER PKT.
310. White Branching Aster . . . . .	\$0 10
311. Crimson Branching Aster . . . . .	10
312. Shell Pink Branching Aster . . . . .	10
312. Finest Mixed Branching Aster . . . . .	10

## NEW DWARF QUEEN ASTER

334. Bushy plants growing only 10 to 12 inches high, and branching very freely; branches upright, making a dense compact bush. The flowers are of extraordinary size, perfectly double, and resemble the finest Victoria.

	PER PKT.
335. Satin; White Queen. Spotless white . . . . .	\$0 10
336. Crimson Queen. Rosy crimson . . . . .	10

## NEW ASTER, "WHITE LADIE"

330. Very popular, with long, graceful tubular petals; splendid for cutting. Per pkt., 10c.

## POPULAR MIXTURE OF ASTERS

362. A mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. Being made by ourselves, we know it contains only the most salable colors for cut-flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 15c.; oz., \$1.25.

## WHITE ASTERS IN MIXTURE

363. This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., \$1.50.

## BALLOON VINE

340. A rapid-growing handsome summer climber, small white flowers, followed by inflated seed vessels shaped like small balloons, 10 to 15 feet; annual. Pkt., 5c.



BALSAM.

doubleness and symmetry of plant. Price, per pkt., 10c.

Balsam Apple. See *Momordica*, page 75.

Balsam Pear. " " "

BEGONIA (*Tuberous Rooted*)

Magnificent flowering plants. The single varieties are a revelation in color and size, measuring 6 to 9 inches in circumference, and the double are as fine as the choicest roses in coloring and form.

420. Single Large Flowering, Mixed. Pkt., 15c.

421. Double " " " 25c.

BEGONIA (*Fibrous-Rooted*)

422. Rex Hybrids. Large, ornamental-leaved plants, very rich and decorative. Pkt., 25c.

423. Vernon. Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c.

## CANARY BIRD FLOWER

490. (*Tropaeolum Canariense*.) Of the Nasturtium family, the flowers resembling a canary bird with expanded wings. A beautiful climber. Pkt., 5c.

## CALCEOLARIA

Gorgeous plants for greenhouse and window decoration; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors: yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion; 1½ feet.

520. C. *Hybrida Grandiflora*, Tall Mixed. 20 in. Pkt., 25c.

521. C. *Hybrida Grandiflora Pumila Compacta*, Mixed. A new strain, dwarf and compact, producing large and brilliant self-colored and spotted flowers; 1 foot. Pkt., 25c.

522. C. *Rugosa*. Small flowering varieties for bedding, of the finest colors; 2 feet. Pkt., 25c.

523. English Prize, Mixed. This strain of Calceolaria will be found without a peer. It contains the most brilliant colorings of the tigered, mottled, spotted and



CALENDULA. (See next column.)

variegated varieties that we know of. Compact in growth and vigorous in constitution. Pkt., 35c.

## CALENDULA

Profuse blooming, dwarf, bushy annuals; of easy culture and flowering till frost.

541. "Orange King." The grandest of all the double Pot Marigolds. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.; oz., 20c.

545. "Lemon Queen." Just as fine as the Orange King, but a clear lemon-yellow. Pkt., 5c.; oz., 20c.

540. Meteor. Double yellow, striped orange. Pkt., 5c.

541. Prince of Orange. Pkt., 5c.; oz., 20c.

542. *Ranunculoides*, Fl. Pl. (Cape, or Garden Mari golds.) Deep orange color; 1 foot. Pkt., 5c.

543. *Calendula*.

Fine mixed. Pkt., 5c.; oz., 15c.

## CAMPANULA

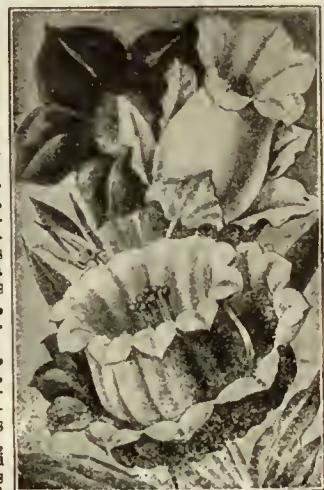
(*Canterbury Bells*)

601. Single Mixed. Pkt., 5c.

602. Double Mixed. Pkt., 5c.

604. CUP and SAUCER Varieties. Are a very striking and beautiful variety of *Canterbury Bells*. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lavender and white. Pkt., 5c.

606. *Pyramidalis*, Mixed. A grand sort, known as the "Pyramidal Bell Flower." Color, hue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.



CAMPANULA.

CANDYTUFT (*Iberis*)

Half-hardy annual of low growth and very free flowering. The plants bloom early from seed and continue a long time in bloom. Useful for bedding and for cutting.

620. White Fragrant. Pure white, pinnated foliage; 1 ft. Pkt., 5c.; oz., 20c.

621. Crimson. Very beautiful; 1 ft. Pkt., 5c.; oz., 20c.

622. WHITE ROCKET. Large trusses of pure white flowers; 1 ft. Pkt., 5c.; oz., 20c.

623. White Tom Thumb. A new dwarf variety, growing about 6 inches high, branching into a handsome bush, about 16 inches in diameter. Pkt., 5c.; oz., 20c.

624. Fine Mixed. Pkt., 5c.; oz., 15c.

625. NEW EDITION. One of the finest varieties of recent introduction. The plant is of a very branching habit, and assumes when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabra-brum-like aspect. Pkt., 10c.; oz., 30c.

## CANNAS

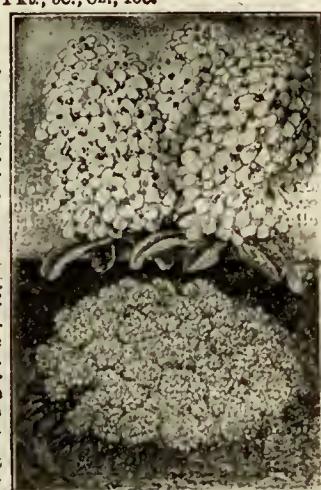
645. Crozy's Dwarf Large Flowering French. In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermillion; some are also beautifully spotted. Mixed. Pkt., 5c.; oz., 15c.

640. C. *Marechal Vaillant*. Foliage rich maroon; large, bright orange flowers; 5 ft. Pkt., 5c.

641. Tricolor. Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt., 5c.

642. Finest Mixed. Embracing twenty of the best sorts. Pkt., 5c.; oz., 10c.

643. C. *Gigantea*. 8 ft. Pkt., 5c.



EMPEROR CANDYTUFT.



## CARNATIONS

663. **Marguerite Carnations.** Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. Pkt., 10c.; 3 pkts., 25c.

	Pkt.
656. Carnation Marguerite.	Crimson . . . . .
657. " "	White . . . . .
658. " "	Rose . . . . .
659. " "	Striped . . . . .

666. **NEW DWARF LARGE FLOWERING MARGUERITE.** An improvement on the above in size of flower, dwarfer and more stocky plants. Per pkt., 15c.

661. **FINEST GERMAN DOUBLE MIXED.** Saved from extra choice named double flowers. Pkt., 15c.

662. **FINE DOUBLE MIXED.** Comprising the hardiest and best varieties for garden culture; 1½ ft. Pkt., 10c.

664. **FINEST DOUBLE STRIPED.** Pkt., 10c.

665. **THE GUILLAUD, or RIVIERA MARKET.** The Guillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.

667. **NEW DOUBLE PERPETUAL** (*Chabaud*). As early as the Marguerite Carnation, this new sort will be found invaluable for florists. The stalks are very stiff and the flowers large and very double. The calyx rarely ever bursts, and the percentage of double flowers is very great. Pkt., 15c.

## Celosia (Coxcomb)

Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants as well.

### CRISTATA, OR CRESTED VARIETIES

675. <b>DWARF CRIMSON.</b> Large combs. Pkt., 5c.
676. <b>VARIEGATA.</b> Crimson and gold. Pkt., 5c.
677. <b>JAPONICA.</b> Russeted scarlet combs. Pkt., 5c.
678. <b>GLASGOW PRIZE.</b> Immense crimson. Pkt., 5c.
680. <b>QUEEN of the DWARFS.</b> Only 8 inches high; combs often 10 inches across; dark scarlet. Pkt., 10c.
681. <b>EMPEROR.</b> Mammoth bright combs; bronze foliage. Pkt., 10c.
679. <b>CRISTATA.</b> Mixed. Pkt., 5c.

## PINK PLUME CELOSIA

(*Celosia Spicata*)

671. The flowers of this charming Celosia open of a fresh bright rose tint and the lower involucres change gradually to a silvery white, thus presenting to the eye a most charming combination of color. The elegant long-stemmed flowers preserve their beauty even in unfavorable weather, and furnish quite an excellent material for making up bouquets, etc. In addition to this they are very suitable for drying, and as the plant blooms for a very long period, it is equally valuable both for the open border and for culture in Pots. Per pkt., 15c.

682. **O S - TRICH FEATHER.**

This new Feathered Celosia produces very large plumes, which are exquisitely curved and curled in exact resemblance to an ostrich feather. Pkt., 10c.

## CENTAUREA

(*Dusty Miller*)

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **CANDIDISSIMA.** Attractive, silvery, cut leaves; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves; 1½ ft. Pkt., 10c.



OSTRICH FEATHER CELOSIA.

## CENTAUREA

Blue Bottle or Corn Flower

687. **C. IMPERIALIS.** Grand improvement over the old *Sweet Sultan*, long-stemmed blossoms 3 to 4 inches across, of graceful, airy effect, and deliciously fragrant. Colors: white, pink, red, blue, lilac and purple; fine for cutting. Pkt., 10c.

688. **BLUE.** Per pkt., 5c.

689. **WHITE** (*Alba Pura*). Pkt., 5c.

690. **DWARF VICTORIA.** Very dwarf, beautiful for borders. Per pkt., 5c.

## CHRYSANTHEMUMS

Single Annual Varieties.

Summer blooming annuals, growing 12 to 18 inches high, very floriferous and effective for beds or cut blooms.

704. **SELECTED MIXED VARIETIES.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and mottled. Pkt., 5c.

705. **C. "GOLDEN WHEEL."** This striking novelty is a very free-blooming annual. The flowers assume a peculiar form, the quill-shaped golden yellow petals standing out all around the purple disk in the centre, like the spokes of a wheel. Very desirable for cutting, lasting a long time. Pkt., 10c.

706. **C. "EVENING STAR."** These pure golden yellow flowers are often 3 to 4 inches across, and, after cutting, last a long time in water. They are very beautiful and make a valuable addition to our list of choice annuals for cut flowers. Pkt., 10c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 5c.

## CINERARIA

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom.



CINERARIA ENGLISH PRIZE.

742. This prize strain has received the highest awards at the largest shows in England, and is unrivaled both in variety of color and marking and size and quality of bloom. Blooms measure 2½ to 2¾ inches in diameter. Pkt., 35c.

740. *Maritima Candidissima* (*Dusty Miller*). Pkt., 5c.  
741. *Acanthifolia* (*Dusty Miller*). Pkt., 5c.

## CLARKIA

Charming annuals for flower beds, with colors, white, rose red, purple, etc., borne in profusion during the summer.

761. *Elegans* (*Purple King*). Pkt., 5c.  
760. *Single Mixed*. Pkt., 5c.  
762. *Double Mixed*. Pkt., 5c.

## CLEMATIS

## Hardy Perennial Climbers

780. *Jackman's Large Flowering Hybrids*. Pkt., 10c.

781. *Coccinea Scarlet*. Tubular flowers. Pkt., 10c.  
783. *Flaminula*. White, sweet scented. Pkt., 5c.  
784. *Paniculata*. One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

## CLEOME PUNGENS

(*Giant Spider Plant*)

800. A showy rose-colored annual, whose stamens resemble spiders' legs. Very effective planted among shrubbery. Height, 3 feet. Pkt., 5c.



COBÆA SCANDENS.

fragrant, and in color golden yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. Pkt., 5c.

## COBÆA

840. *Scandens*. A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to beautiful deep violet blue. Half hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

## CROTALARIA RETUSA

(*West India Rattle Box*)

938. This is a low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers. These flowers are of thick substance,

## COREOPSIS

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

560. *C. Drummondii*. Yellow, with a circie of rich crimson brown; 1 ft. Pkt., 5c.

561. *C. Atrosanguinea*. Dark crimson; 2 ft. Pkt., 5c.

562. *C. Mixed*. Pkt., 5c.; oz., 20c.

563. *Coreopsis Lanceolata*. The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden-yellow color. Pkt., 10c.

564. *Calliopsis Golden Wave*. Pkt., 5c.; oz., 20c.



COREOPSIS.

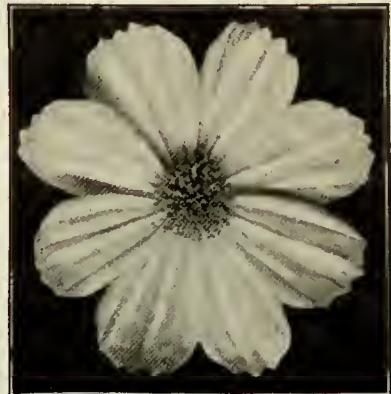
## COSMOS

932. *Mammoth Perfection*. Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.

931. *Pearl*. Beautiful snow white. Pkt., 5c.

930. *Cosmos Hybrids*. Mixed sorts. Pkt., 5c.

934. *Dawn*. New early blooming. Comes into flower in July, and continues a mass of bloom until cut by frost. Price, per pkt., 10c.



NEW EARLY BLOOMING COSMOS, "DAWN."

## CYCLAMEN PERSICUM GIGANTEUM

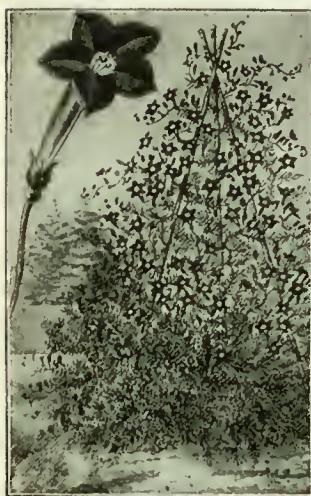
Grown by a specialist, who has received the highest awards at the largest English shows, and is unquestionably the finest strain of Giant Cyclamen obtainable.

PER PKT.

962. <i>Crimson Queen</i> . Rich deep maroon red . . .	\$0 25
963. <i>Dixon Hartland</i> . Pure white, claret base . . .	25
964. <i>Duke of Connaught</i> . A superb cherry color . .	25
965. <i>White Swan</i> . The finest white Cyclamen in cultivation . .	25
966. <i>Rosy Morn</i> . Bright rose with claret base . . .	25
961. <i>Cyclamen Persicum Giganteum, mixed</i> . . .	25



CYCLAMEN PERSICUM GIGANTEUM.



CYPRESS VINE.

## CYPRESS VINE

A summer climbing annual with fine feathery foliage and pretty star-shaped flowers.

980. Crimson. Pkt., 5c.; oz., 25c.

981. White. Pkt., 5c.; oz., 25c.

982. Mixed sorts. Pkt., 5c.; oz., 25c.

983. Scarlet, Ivy Leaved. Pkt., 5c.; oz., 25c.

## DAHLIA

Although perennials, these flower freely the same season from seed, if sown early.

1000. **Choke Double Varieties.** Mixed. Pkt., 10c.

1001. **Choice Single Varieties.** Mixed. Pkt., 5c.

1002. **Cactus Dahlia.** Mixed. These double dahlias have their petals quilled and curved loosely and gracefully. Pkt., 10c.

DAISY (*Bellis Perennis*)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames;  $\frac{1}{2}$  foot. (See cut.)

1020. **Double.** Mixed. Pkt., 5c.

1022. **Long-flowered.** Double pink. Pkt., 10c.



DOUBLE GIANT DAISY.

1023. **Snowball.** Double white. Pkt., 10c.

1024. **New Giant Double Mixed.** Beautiful imbricated flowers;  $1\frac{1}{2}$  to 2 inches in diameter. Pkt., 10c.

## DATURA

Strong growing ornamental annuals, with very large, showy flowers; 2 to 3 feet high.

1043. **Cornucopia (Horn of Plenty).** A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

No. 1041. **New Golden Queen.** A magnificent plant for open ground, with most brilliant golden-yellow flowers of enormous size, many of them 10 inches long. Pkt., 10c.

## DELphinium

(or *Perennia*; Larkspur)

Handsome and hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.



DELPHINIUM MIXED HYBRIDS.

1060. **D. Formosum.** Brilliant blue with a white center. Pkt., 5c.

1067. **D. Chinensis.** A distinct and neat variety, growing about 18 inches high, with fine feathery foliage and producing freely spikes of large blossoms varying in color through all the delicate shades of blue. Pkt., 5c.

1064. **D. Finest Mixed Hybrids.** Pkt., 5c.

## DIANTHUS OR PINKS

The family of "Pinks" is unrivaled for brilliancy and rich variety of color; blooming profusely until late in the autumn, rendering them one of the most satisfactory of all our annuals for garden decoration. Height about 1 foot.

## DOUBLE ANNUAL VARIETIES

1080. **D. Chinensis, Fl. Pl.** (*China Pink*) Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c.

1081. **Hedgewigii Diadematus, Fl. Pl.** (*Double Diadem Japan Pink*) Densely double flowers, 3 inches in diameter; beautiful tints of crimson, lilac, purple; outer edges fringed with white; 6 inch. Pkt., 5c.; oz., 75c.

1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.; oz., 40c.

1085. **D. Laetinatus, Fl. Pl.** (*Double Fringed Japan Pink*) Large, double, showy flowers, with fringed edges; various colors and beautifully striped. Pkt., 5c.; oz., 50c.

1092. **Mourning Cloak.** Rich blackish velvet crimson, margined with pure white. Pkt., 5c.

"ROYAL PINK." (*Dianthus Hedgewigii Nobilis*)

No. 1095. The flowers are very large and the petals are frilled and fringed. The colors are of a deep yet very bright blood red, then shade to carmine and pink and even white. Per pkt., 10c.

"STAR PINK." (*Dianthus Stellaris*)

No. 1096. This novelty represents a new class of the Chinesec Pink. Each single flower has the form of a 5 or 6 rayed star, hence the name "Star Pink." They bloom continuously from June to October with a matchless display of color and variety of markings. Pkt., 10c.

## "SALMON QUEEN"

No. 1097. Beautiful double annual pink, with finely fringed flowers of a fiery salmon red, turning to a charming salmon pink as they get older. Plants bloom profusely throughout the whole season. Pkt., 10c.



DIANTHUS "NEW HYBRIDS." Pkt., 10c.

## SINGLE ANNUAL VARIETIES

1094. **Dianthus Laetinatus Nanus "New Hybrids."** This is a grand new strain of the annual Pinks, with laciniate or fringed petals. The flowers vary in shade from white to deep rose and even to purplish red, are all tinged more or less with bright salmony red or salmony scarlet. The plants grow only about 10 inches high, and are remarkable for their free flowering character. Price, 10c. per pkt.

1086. **Crimson Belle.** Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.

1087. **Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

1088. **Snowflake.** Snow-white; exquisitely fringed. Pkt., 5c.

1089. **Laeiniatus, Mixed Colors.** Single fringed. Pkt., 5c.; oz., 40c.

1090. **Hedgewigii, Mixed Colors.** Single Japan Pinks. A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.; oz., 40c.

1093. **Salmon Queen.** A new variety, of a most brilliant salmon color. Pkt., 10c.

## HARDY PERENNIAL VARIETIES

1082. **Dianthus Plumarius (Pheasant Eye).** A beautiful, single, hardy pink, with fringed-edged white flowers, with a dark centre. Pkt., 5c.; oz., 20c.

1083. **Plumarius, Fl. Pl.** Double and semi-double varieties in beautiful colors. Pkt., 10c.

1091. **Fine Garden, or Clove-scented Pinks (Hortensis Varieties).** Beautiful double mixed colors. Pkt., 10c.



FOXGLOVE.

## DIGITALIS OR FOXGLOVE

Beautiful, hardy perennials of easy culture. Long spikes of showy flowers, many beautifully spotted; height, 3 to 5 feet.

1120. Mixed Colors. Pkt., 5c.

1121. *Gloxinia* Flora. Gloxinia-shaped flowers, a lovely type. Pkt., 5c.

DOLICHOS—  
PURPLE  
SOUDAN

No. 1125. A very curious and highly decorative climber. The twining stems are of an intense purple color, and the beautiful sweet-pea-like flowers are produced during the entire summer. They are white and rose in color contrasting strikingly with the dark foliage. Following the flowers there come beautiful, glossy, dark-red seed pods. These are very freely produced, and are a great ornament to the plant. Useful for covering porches, trellises, etc. Pkt., 5c.



EDELWEISS.

## THE GENUINE EDELWEISS

## or Sunflower of Switzerland

No. 1190. There is a world of poetry connected with this charming flower, to obtain which many travelers have sacrificed their lives. It blooms right through the snow, and when cut lasts for years. The flowers are rare and beautiful, as white as snow and as soft as velvet, growing sometimes 30 on one plant, with grayish-white foliage in spreading rosette. Naturally as hardy as a rock, they grow in any way, on sandy moist soil, gritty and well drained, or on raised rockwork, and even as a border plant, in chalky open soil. Lasting for years in beauty, it will certainly prove a wonderful attraction. Price, per pkt., 20c.

ESCHSCHOLTZIA  
or California Poppies

A beautiful annual of easy culture. Bloom soon after spring-sown seed and continue until late in the autumn. Height, 1 foot.

1180. *Californica*. Yellow and Orange. Pkt., 5c.

1181. *Rose Cardinal*. Rich rosy purple. Pkt., 5c.

1182. *Single Mixed*. All colors. Pkt., 5c.

1184. *Double Mixed*. All colors. Pkt., 5c.

## EVENING PRIMROSE

(Enothera)

1260. Delicate pale yellow flowers. Pkt., 5c.

## EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. *Aeroclinium Roseum*, Fl. Pl. Bright rose. double. Pkt., 5c.

1241. *Ammobium Alatum Grandiflorum*. A leading everlasting; flowers very large and pure white color. Pkt., 5c.

## EVERLASTING FLOWERS (Continued)

1242. *Gomphrena Mixed* (*Bachelor's Buttons*). Pure white, crimson, orange and variegated colors. Pkt., 5c.

1243. *Hellipterum Humboldianum* (*Sanfordi*). Large clusters of bright golden yellow flowers. Pkt., 5c.

1244. *Hellebrysum, Finest Mixed*. Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c.

1245. *Rhodanthus, Finest Mixed*. Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c.

1246. *Xeranthemum*. Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.



GAILLARDIAS.

## GAILLARDIA

Beautiful annuals for the flower garden. Very effective grown in masses. Large flowers produced from early summer till frost. 1 to 2 feet high.

1300. *G. Pieta Lorenziana*. Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c.

1301. *G. Pieta Grandiflora*. Large flowers of rich crimson and yellow. Pkt., 5c.

1302. *Pieta Nana* (*Painted Lady*). Showy crimson, bordered with yellow. Pkt., 5c.

## GERANIUM

Although perennials, they will produce nice bushy plants and flower from seed the same season.

1320. *G. Zonale, Mixed*. Pkt., 10c.

1321. *Apple-Scented*. Very fragrant. Pkt., 10c.



## GLOXINIA

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended. Sow in March.

1380. *Grandiflora*. Charming mixed sorts. Pkt., 25c.

## GODETIA

Exceedingly handsome and showy annuals, of dwarf, compact growth, about 1 foot high, bearing freely large flowers 3 to 4 inches across, of exquisite colors and shades

that glisten in the sunlight like satin. (See cut.)

1400. *Lady Satin Rose*. Crimson, tinged, pale lilac. Pkt., 5c.

1401. *Blouj*. Dwarf, white flowers, with carmine spot on each petal. Pkt., 5c.

1403. *Lady Albermarle*. Large crimson rose. Pkt., 5c.

1402. *Choice Mixed Varieties*. 1kt., 5c., or, 20c.

## GOURDS

Mixed Ornamental. A choice assortment Pkt., 10c. 3 pkts., 25c.

For other varieties of Gourds, see vegetable list, page 30.

## GRASSES (ORNAMENTAL)

1443. *Coix Lachryma* (*Job's Tears*). 2 ft. Pkt., 5c.

1444. *Erianthus Ravennae*. Very ornamental; 10 ft.

1445. *Gynerium Argenteum* (*Pampas Grass*). 10 ft. Pkt., 5c.



GYP SOPHILA PANICULATA.

1480. **Elegans.** Star-shaped, white and pink flowers. Pkt., 5c.

1481. **Paniculata.** Produces numerous panicles of small, white, handsome flowers; fine for bouquets. Pkt., 5c.

#### HELIANTHUS

(See Sunflower)

#### HIBISCUS (Marsh Mallow)

1540. **Africanus.** Creamy yellow, with purple centre. Pkt., 5c.

1541. **Palustris.** Large pink flowers. Pkt., 5c.

1542. **Californicus.** Large white carmine centre. Pkt., 10c.

1543. **Sunset.** Very large, yellow, fine. Pkt., 10c.



HELIOTROPE.

#### HELIOTROPE

Deliciously fragrant flowering plants, 1 to 2 feet high. Favorites for pot culture in winter and bedding in summer.

1520. **Finest Mixed.** Pkt., 5c.

1521. **King of the Blacks.** Rich purple. Pkt., 10c.

1522. **Lemoine's Giant Hybrids.** Immense clusters; very fragrant. Pkt., 10c.

#### HOLLYHOCK

Grand summer and autumn flowering plants. Old inhabitants of our garden, but marvelously improved of late years both in doubleness and enlarged size.

**Chaters.** Prize Double, Red. Pkt., 10c.

1562. " " " Pink. Pkt., 10c.

1560. " " " White. Pkt., 10c.

1561. " " " Yellow. Pkt., 10c.

1558. " " " Salmon. Pkt., 10c.

1559. " " " Crimson. Pkt., 10c.

1563. " " " Mixed. Pkt., 10c.

#### New Mammoth Flowering "Allegheny Hollyhocks"

1564. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and finely fringed and curled.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge. Price, per pkt., 10c.; 3 pkts., 25c.

#### PURPLE FOUNTAIN GRASS

(*Pennisetum Rueppelianum*)

1451. Decidedly the most ornamental decorative grass ever introduced, and will be found as useful for room, hall or table decoration as many a palm. Fine purple plumes a foot long. Pkt., 10c.

#### GREVILLEA ROBUSTA

1460. (*Silk Oak.*) Beautiful and graceful fern-leaved foliage plant. Pkt., 10c.

#### GYPSOPHILA

Dainty free flowering plants of easy culture. Fine for mixing in bouquets, giving them an airy fairy look that is charming; 1½ feet high.

1780. A very neat climber, clinging to walls and is a valuable plant for hanging-baskets, vases, etc. Pkt., 10c.

#### HUMULUS JAPONICUS OR JAPANESE HOP

1620. Very ornamental and fast growing annual climber from Japan. Pkt., 5c.

1621. **Humulus Variegatus.** A beautiful variety with variegated foliage, resisting heat and the ravages of insects. Pkt., 10c.

#### KENILWORTH IVY

1780. A very neat climber, clinging to walls and is a valuable plant for hanging-baskets, vases, etc. Pkt., 10c.

#### LANTANA

1720. Rapid-growing, constant-blooming, tender perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc.; mixed colors; 1 to 3 feet. Pkt., 10c.



HUMULUS OR JAP HOP.

#### LARKSPUR

Quick-growing, free-flowering annuals.

1065. **Dwarf German Rocket.** Hyacinth-flowered Larkspur; mixed. Pkt., 5c.

1063. **Emperor Larkspur.** Has beautiful, long spikes of brilliant dark blue, tricolor and red striped; double flowers. Pkt., 5c.

#### LATHYRUS

**Everlasting or Hardy Sweet Peas.** Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters; but have no fragrance, a beautiful plant.

1740. **Latifolius Red.** A handsome free-flowering plant; useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.

1741. **Latifolius Albus.** Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **Splendens.** A fine novelty from California, bearing dense clusters of brilliant deep rose flowers. Pkt., 10c.

No. 1743. **Pink Beauty.** We have here an entirely new variety, the color of which is a delicately shaded pink on the standard, the lacing on the edge being paler than the centre; the wings are deeper pink, of a very rich shade, giving it a very striking appearance. Price, pkt., 5c.; per oz., 20c.

No. 1744. **Everlasting Pea—Crimson.** Pkt., 5c.



LARKSPUR.

#### LOBELIA (Compacta Varieties)

Compact plants, 4 to 6 inches high, forming little mounds of bloom.

1840. **Crystal Palace.** Rich blue. Pkt., 10c.

1845. **Mixed Compacta Varieties.** Pkt., 5c.

**Erinus, or Trailing Varieties.**

Useful for vases or hanging baskets or rockeries.

1844. **Mixed, Trailing Varieties.** Pkt., 5c.



LOBELIA.

See Our  
LIBERAL PREMIUM OFFER  
Pages 3 and 65

## LYCHNIS

1900. **Chalcedonica.** The old garden favorite; very hardy, brilliant scarlet flower; deserves a place in every garden. Pkt., 5c.

## MARIGOLD

Well-known annuals, very free flowering and of easy culture. The African varieties have large yellow or orange-colored flowers, and are adapted to large beds. The French are dwarf in growth, with beautiful striped flowers, and are better suited to pot culture.

## AFRICAN VARIETIES

1941. **EL DORADO.** Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c.

1943. **LARGE AFRICAN.** Very large; orange, brown and yellow. Oz., 15c.; pkt., 5c.



MARIGOLD.

each petal gracefully surrounded with a distinct gold ring. The compact, bushy plant blooms with a richness and constancy that is surprising. Pkt., 10c.; 3 pkts., 25c.

MARVEL OF PERU (*Mirabilis*)  
(Four-o'clocks)

The Marvel of Peru, or Four-o'clocks, is a pretty, free-flowering annual of easy culture, that grows and flowers in almost any location.

1960. **Mixed Choice Colors.** Pkt., 5c.; oz., 15c.

1961. **White Tom Thumb.** Only growing 10 inches high. Snow-white flowers. Pkt., 5c.

## MESEMBRYANTHEMUM

2000. **M. Crystallinum** (*Ice Plant*). Flowers white, with ice-like foliage. Pkt., 5c.

MIGNONETTE (*Reseda*)

This deliciously fragrant annual is a favorite with all. It does best in a cool situation.

2020. **Sweet Scented.** Oz., 10c.; pkt., 5c.

2022. **Golden Queen.** Golden yellow. Pkt., 5c.

2024. **Machet.** Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10.

2025. **Gabrielle.** Large spikes of red flowers; very fragrant; fine for pot culture. Pkt., 10c.

2026. **Miles' Hybrid Spiral.** Pure white. Pkt., 5c.

2027. **Giant White Spiral.** Oz., 25c.; pkt., 5c.

2028. **Red Victoria.** Dwarf branching habit, very sweet, red flowers. Pkt., 10c.

2029. **Allen's Defiance.** Immense spikes, 12 to 15 inches long; very fragrant. Pkt., 10c.

## MIMULUS

(*Monkey Flower*)

Admirable for pot plants; colors and markings of the flowers are very rich and beautiful. Annuals of low spreading growth.

2060. **Moschatus.** (*Musk Plant*) Beautiful yellow flowers. Pkt., 5c.

MOMORDICA  
BALSAMINA

2090. (*Balsam Apple*). Pkt., 5c.; oz., 20c.

MOMORDICA  
CHARANTIA

2091. (*Balsam Pear*). Pkt., 5c.; oz., 20c.



MIGNONETTE.

MOONFLOWER (*Ipomoea Grandiflora Noctiflora*)

1664. **The White-seeded Moonflower.** No one who has a trellis or arbor to cover should neglect to plant **The Moonflower**—the most rapid-growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white, fragrant flowers, opening in the evening and remaining open until noon the following day, and if cloudy, all day, many of them measuring over seven inches across. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet. Pkt., 10c.

Plants of above, 10c. each (by mail, 15c.).



IMPERIAL JAPANESE MORNING GLORY.

## IMPERIAL JAPANESE MORNING GLORIES

925. The surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are limitless. Pkt., 10c.; 3 pkts., 25c.

920. **Tricolor Roseus.** Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. **Major, Mixed.** Common Morning Glory. Oz., 15c.; pkt., 5c.

## DWARF MORNING GLORIES

922. **Mauritanicus.** Trailing plant for baskets; blue. Pkt., 10c.

924. **Minor, Mixed.** Pkt., 5c.

MYOSOTIS (*Forget-Me-Not*)

The popular "Forget-Me-Nots." Bushy plants, 6 to 10 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house, they will flower the first season.

2100. **Palustris.** The true Forget-Me-Not; beautiful blue. Pkt., 5c.

2102. **Dissitiflora.** Large, blue flowers, compact and very early. Pkt., 10c.

## ALPESTRIS VARIETIES

2103. **Victoria.** Of bushy habit; large, bright azure blue flowers; very fine. Pkt., 10c.

PER PKT.

2101. Pure white . . . . . \$0 05  
2104. Alpestris, blue . . . . . 05  
2107. " mixed . . . . . 05  
2105. " rose . . . . . 05

## " OBELISK" VARIETIES

These are an upright, pillar form, 10 to 12 inches high and very floriferous.

PER PKT.

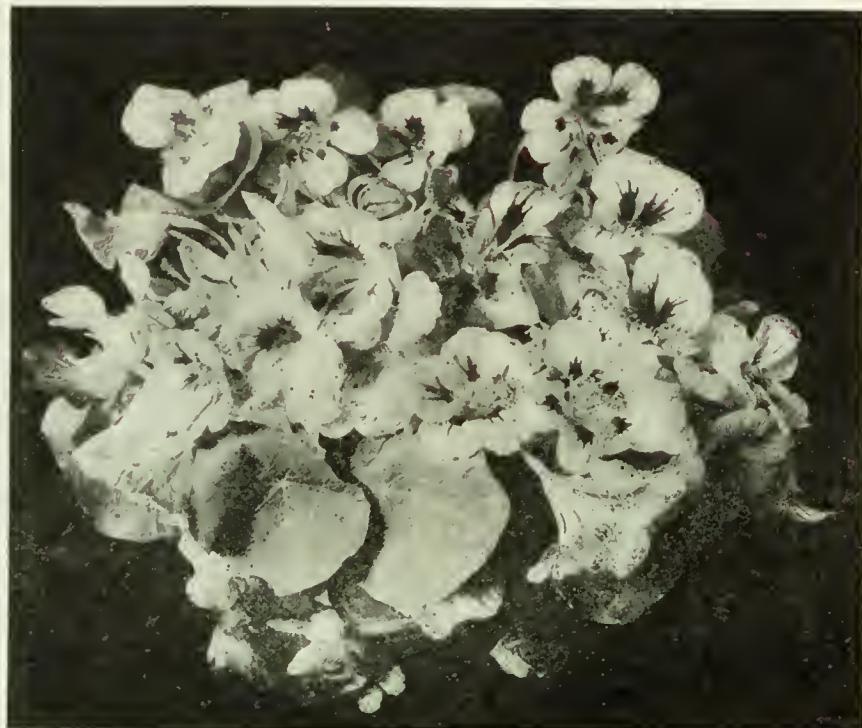
2108. **Obelisk, blue** . . . . . \$0 10  
2109. " pink . . . . . 10  
2110. " white . . . . . 10

## NASTURTIUMS

A marvelous range of new colors has been developed in this favorite flower, which is in constant bloom throughout the season, and if these are kept well picked so that the plant cannot produce seed they will continue to flower until frost. No other annual flower seed will produce such a lavish profusion of bloom for so long a time and with the same small outlay of care and attention.

Thin, poor soil, if possible, disintegrated rock is the best soil, as this produces the maximum of bloom. Soils in which manure has been used heavily causes the plants to produce a heavy growth of leaves at the expense of blossoms. They are also in such soils apt to rot off in wet weather, especially if the plants have been left standing close to one another.

You cannot have too many Nasturtiums. Plant them along fences, hedges or wherever it is desired to have a bunch of bright color.



DWARF NASTURTIUMS.

## DWARF OR TOM THUMB NASTURTIUMS

These have a neat compact habit and attractive foliage, are not disturbed by insects, bloom in two months from seed, and most profusely till frost.

	PKT.	PER OZ.
2146. <b>Aurora.</b> Yellow, veined . . . . .	\$0 05	\$0 10
2121. <b>Beauty.</b> Yellow and scarlet . . . . .	5	10
2132. <b>Chameleon.</b> Splashed with crimson, bronze and yellow . . . . .	5	15
2133. <b>Cœruleo-roseum.</b> Bluish rose . . . . .	5	10
2122. <b>Crimson.</b> . . . . .	5	15
2134. <b>Crystal Palace Gem.</b> Yellow and carmine . . . . .	5	10
2143. <b>Empress of India.</b> Deep crimson; fine dark foliage . . . . .	5	15
2123. <b>Golden Cloth.</b> Golden yellow leaves, scarlet flowers . . . . .	5	15
2135. <b>Golden King.</b> Golden yellow . . . . .	5	10
2136. <b>King of Tom Thumbs.</b> Scarlet . . . . .	5	15
2144. <b>King Theodore.</b> Black, velvety . . . . .	5	10
2145. <b>Lady Bird.</b> Yellow and red . . . . .	5	15
2130. <b>Prince Henry.</b> Light yellow, marbled scarlet . . . . .	5	15
2124. <b>Rose.</b> . . . . .	5	10
2125. <b>Ruby King.</b> Dark red . . . . .	5	15
2126. <b>Spotted.</b> . . . . .	5	10
2142. <b>White or Pearl</b> . . . . .	5	10
2141. <b>Yellow.</b> . . . . .	5	10
2147. <b>Mixed.</b> . . . . .	5	10
<b>Johnson's Choice Dwarf, Mixed,</b>		
Per $\frac{1}{4}$ lb., 25	per lb., 75	

## TALL, OR CLIMBING NASTURTIUMS

(*Tropaeolum majus*)

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot-plants for winter flowering, as screens, or as trailers for hanging baskets and vases.

	PKT.	PER OZ.
2127. <b>Jupiter.</b> New giant-flowered; beautiful golden yellow . . . . .	\$0 05	\$0 20
2128. <b>Chameleou.</b> Various . . . . .	5	15
2129. <b>Dark Crimson.</b> . . . . .	5	10
2160. <b>Edward Otto.</b> Brownish lilac . . . . .	5	15
2137. <b>Hemisphericum.</b> Orange . . . . .	5	10
2161. <b>Heinemannii.</b> Chocolate . . . . .	5	10
2159. <b>King Theodore.</b> Black . . . . .	5	10
2154. <b>Orange.</b> . . . . .	5	10
2162. <b>Pearl.</b> Whitish . . . . .	5	10
2138. <b>Regelianum.</b> Purple & violet . . . . .	5	10
2139. <b>Moltke.</b> Bluish rose . . . . .	5	10
2163. <b>Rose.</b> . . . . .	5	10

	PKT.	PER OZ.
2155. <b>Scarlet</b> . . . . .	\$0 05	\$0 10
2164. <b>Schenerianum.</b> Spotted . . . . .	5	10
2165. <b>Schillingi.</b> Yellow, spotted . . . . .	5	10
2166. <b>Schulzii.</b> Darkest leaved . . . . .	5	10
2167. <b>Striped</b> . . . . .	5	10
2168. <b>Yellow</b> . . . . .	5	10
2169. <b>Vesuvius.</b> Salmon; dark leaved . . . . .	5	10
2156. <b>Mixed</b> . . . . .	5	10
<b>Johnson's Choice Tall, Mixed,</b>		
Per $\frac{1}{4}$ lb., 20	per lb., 60	

## LOBB'S NASTURTIUMS

(*Tropaeolum Lobbianum*, etc.)

**TROPÆOLUM LOBBIANUM.** This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

	PKT.	PER OZ.
2170. <b>Ivy-Leaved.</b> A fine new strain with dark green ivy-like leaves and beautiful laciniated deep-scarlet flowers . . . . .	\$0 05	\$0 35
2148. <b>Asa Gray.</b> Yellowish white . . . . .	5	15
2172. <b>Fulgens.</b> Dark scarlet . . . . .	5	15
2173. <b>Marguerite.</b> Pale yellow, flushed blood-red . . . . .	5	15
2174. <b>Lucifer.</b> Very dark scarlet . . . . .	5	15
2175. <b>Crown Prince of Prussia.</b> Blood-red . . . . .	5	15
2159. <b>Giant of Battles.</b> Sulphur and red . . . . .	5	15
2176. <b>Primrose.</b> Cream, with brown spots . . . . .	5	15
2177. <b>Crystal Palace.</b> Scarlet . . . . .	5	15
2151. <b>Spitfire.</b> Brilliant scarlet . . . . .	5	15
2178. <b>Lillie Schmidt.</b> Scarlet . . . . .	5	15
2179. <b>Lilliput, Mixed</b> . . . . .	5	15
2152. <b>Finest Mixture.</b> . . . . .	5	15
<b>Madame Gunter Hybrids.</b> A French strain noted for wide range of fine colors . . . . .	5	20

One of our customers writes of our **NASTURTIUMS**: "Your collection of Nasturtiums is the finest we have ever grown. They bloom profusely from early summer until fall and make our garden gorgeous with bright coloring. The foliage is remarkably beautiful." Above illustration is a photograph taken from a bunch from this particular garden.

# PANSIES—The Favorite Flower



NEW GIANT PANSY, "HERO."

## SPECIAL OFFER

## FIVE GRAND NEW PANSIES, 75c.

## NEW GIANT PANSY "HERO"

2313. No more beautiful pansy has ever been introduced than "Hero." It is a very large, well-shaped flower, of great substance; has beautiful regularly crimped and curled edges, as shown in the illustration. Its color is an exquisite deep blue, shading to white on the upper petals. Price, pkt., 20c.

## GIANT MME. PERRET

2309. A new French strain of pansies particularly rich in shades of red, but of the largest size and borne erect on long stems. Price, pkt., 20c.

## PANSY GIANT "PRETIOSA"

2312. This flower is similar to the new "Masterpiece" Pansy introduced two years ago, and has the same frilled edges, but it is of the true giant five-spotted sort. Each petal marked with a large blotch of deep violet on a ground color of brilliant crimson rose, and each petal margined with a pure white edge. Price, pkt., 20c.

## PANSY GIANT "INDIGO KING"

2310. The brightest blue pansy ever offered. The old variety, "Emperor William," looks a dull color when compared with this grand new sort. Price, pkt., 20c.

## PANSY PRINCE HENRY

2311. A new giant variety of vigorous habit, the flowers often attaining 3½ inches across, of a brilliant dark indigo with velvet lustre, each petal having a large black-brown veined blotch, like the Bugnot race, with slightly undulated edges. Price, pkt., 20c.

## GIANT NOVELTY PANSY COLLECTION

Price, one packet each of the above five choice new varieties, 75c.

## JOHNSON'S KINGLY COLLECTION OF PRIZE-WINNER PANSIES

2299. This superb strain cannot be surpassed for size, texture, shape, markings or richness of coloring of the flowers. It embraces all of the solid or self-colored varieties, the 5-spotted on backgrounds of every color, the white-edged or bordered flowers of various colors, each with a distinct rim around each petal, also the light marbled varieties. Some have flowers with clear distinct eyes. Others are striped flowers of great beauty. Others still are veined, blotched and mottled in endless markings and colors. No pains are spared in making this strain absolutely perfect in form, firmness of texture, size and freedom of bloom, and it can be purchased with every confidence that it will produce the very finest results obtainable from this popular flower. Price, pkt., 25c.; ½ oz., \$1.00; oz., \$5.00.

## WHAT IS SAID OF THE ABOVE COLLECTION

G. Fleischer, Pueblo, Colorado, writes us as follows:

"I know you have the finest Pansies, because I had them before, and beat everyone in Colorado with your strain."

2281. **Bugnot's Large Stained.** This is a celebrated French strain in which each petal is blotched, either 3 or 5-spotted, with the color radiating on the margin of the petals. Price, pkt., 20c.; ½ oz., 75c.

2294. **Cassier's Five Blotched.** These are round flowers of great substance and size; all either 3 or 5-spotted, and are very striking and beautiful. Price, pkt., 20c.; ½ oz., 75c.

2273. **Masterpiece.** The chief peculiarity of this grand new Pansy is that the border or edge of each petal is frilled and curled. The flowers are large, borne very freely well above the plant. Price, pkt., 15c.; 2 pkts., 25c.

2279. **Odier Blotched.** Rich colors. Pkt., 10c.

	English Show Mixture. Pkt., 10c.	PKT.	
2308.	Azure blue, very fine . . . . .	\$0 05	
2261.	Belgian Striped . . . . .	10	
2286.	Black . . . Pkt., \$0 05	2306. Mahogany . . . . .	5
2274.	Bronze . . . " 5	2297. White . . . . .	5
2303.	Blue . . . " 5	2298. Yellow . . . . .	5
2262.	Emperor Frederick (New), dark red . . . . .	10	
2277.	Emperor William, ultramarine blue . . . . .	10	
2288.	Fire Dragon, fiery orange and bronze . . . . .	10	
2289.	Giant White, Pkt., \$0 10	2291. Giant Black . . . . .	10
2289.	Giant Yellow, " 10	2290. Giant Azure Blue . . . . .	10
2263.	Giant Black-Blue, 10	2292. Giant Striped . . . . .	10
2309.	Madame Perret (grown by Lucien Perret, the introducer), a magnificent giant strain of rare excellence, very early, vigorous and rich combination of colors . . . . .	20	
2282.	Improved Giant Trimardeau, mixed . . . . .	10	
2278.	Lord Beaconsfield, deep purple violet . . . . .	10	
2264.	Meteor (New), bright brown . . . . .	10	
2265.	Peacock, ultramarine blue, deep claret and white . . . . .	10	
2283.	Prince Bismarck, beautiful golden bronze . . . . .	10	
2284.	Quadricolor, or Pheasant's Eye (Rainbow) . . . . .	10	
2266.	Red Victoria (New), very fine . . . . .	10	
2285.	Snow Queen, satiny white . . . . .	10	
2287.	Striped and Mottled, large flowered . . . . .	10	
2301.	Fine German, mixed . . . . .	5	

## HOW TO GROW THIS POPULAR FLOWER

For very early outdoor bedding, Pansy seed should be sown in the fall, in a cold frame, or in rich, moist garden beds, from which the plants can be transferred to a cold frame, setting them 2 or 3 inches apart each way, before severe winter weather begins. In spring three-fourths of them can be lifted out for bedding and the rest left to bloom in the frame. For winter bloom in a frame, set the plants about twice as far apart, and thin out half of them in spring. Cover the blooming plants with sashes, adding a covering of matting or straw in very cold weather. In mild weather remove the mats and tilt the sashes to admit light, heat and fresh air. Spring sowings should be made early, so as to secure good flowers during the early rains. Seed sown in a cool, moist place in June and July, and well tended, will give good flowering plants for fall. Through summer heat the flowers are finer in a somewhat shaded place, but in almost any situation good Pansy seed will give fine flowers in spring and fall. Early fall sowings, made in a cold frame, with a southern exposure, give the finest flowers.

# Petunia

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, requiring only a rich soil and a sunny position.



PETUNIA—NEW STAR.

## NEW STAR PETUNIAS

2344. These beautiful Petunias have large, intensely colored flowers from the centre of each of which start the points of a five-rayed star, which broadens half way up, narrowing to point at the margin of the flower. The star is a light bluish pink, deepening in color as it reaches the margin, finally blending into the dark, crimson-maroon ground color of the flower. Very prolific bloomers, excellent for bedding. Price, pkt., 10c.; 3 pkts., 25c.

## SINGLE PETUNIAS (For Bedding)

2340. **Dwarf Inimitable.** Dwarf plants, 6 to 8 inches high, flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.

2341. **Striped and Blotched.** Extra strain. Pkt., 5c.

2342. **Alba.** White; suitable for cemetery. Pkt., 5c.

2343. **Choice Single Mixed.** 1/4 oz., 20c.; pkt., 5c.

2344. "Snowball." A new very dwarf Petunia. Its well-shaped, beautiful satiny white flowers cover the whole plant with one mass of bloom. Admirably adapted for bedding or pot culture. Price, pkt., 10c.

## SINGLE LARGE FLOWERING PETUNIAS

2345. **Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.

2346. **Grandiflora Fimbriata.** A fine strain, with handsomely frilled and fringed flowers. Pkt., 20c.

2347. **Yellow Throated.** The flowers are very large and of perfect form, with a broad, deep yellow throat. Pkt., 20c.

2348. "Giants of California." A California strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous. (See illustration above.) Pkt., 20c.

## NEW GIANT FRINGED BLUE PETUNIA

(*Petunia hybrida grandiflora fimbriata caerulea*.)

2349. An enormously large, deeply cut and finely fringed Petunia of an exquisitely delicate steel-blue color, beautifully veined. Free flowering and very desirable in every way. Price, pkt., 15c.

## DOUBLE FLOWERING PETUNIA

2351. **Double Mixed.** Best large flowering double, in finest mixture. Pkt., 25c.

2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about 30 per cent. of splendid double fringed flowers. Pkt., 35c.



PHLOX DRUMMONDI.

## Phlox Drummondii

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large, brilliant flowers of numberless hues throughout the summer. Hardy annual; 1 1/2 feet.

2360. **Phlox Drummondii, Mixed Colors.** Pkt., 5c.; oz., 50c.

2371. **Large Flowering, Mixed.** Pkt., 10c.; oz., 75c.

2376. **New Dwarf Large Flowering, Mixed.** Splendid for pot culture and ribbon bedding. Pkt., 10c.

2367. **Star of Quedlinburg.** The flowers of this striking novelty have a most distinct and star-like appearance. Pkt., 10c.; 3 pkts., 25c.

2366. **Hardy Perennial Phlox.** Fine mixed varieties. Pkt., 10c.

## POPIES—SINGLE ANNUAL VARIETIES

2379. **Danebrog.**

Very showy variety; large single flowers of brilliant scarlet, with a silvery white spot on each petal, thus forming a white cross. Pkt., 5c.

2380. **Umbrosum.**

Richest vermillion, with a deep shining black spot on each petal, thus forming a black cross. Pkt., 5c.

2383. **Shirley.**

These charming Poppies range in color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Pkt., 5c.

2388. **Tulip Poppy**

(*Papaver glaucum*). The plants grow about 14 inches high and produce from 50 to 60 large flowers of dazzling scarlet. Pkt., 10c.

2389. **Fire Dragon.**

Flowers of brilliant deep scarlet, with black spots margined white; 2 to 2 1/2 feet. Pkt., 5c.

2385. **The Bride.**

A beautiful variety, with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. Pkt., 10c.

2391. **Single Mixed.** Annual sorts. Pkt., 5c.

## DOUBLE ANNUAL POPPIES

2384. **SNOWDRIFT.** Pure snowy white, extremely double flowers, of perfect form and large size. Pkt., 5c.

2387. **P. NEW WHITE SWAN.** Immense size, very double, with beautifully laciniated petals and of the purest possible white. Pkt., 5c.

2381. **Mikado.** Brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt., 5c.

2382. **Carnation-Flowered.** Splendid, double fringed flowers, mixed colors. Pkt., 5c.; oz., 20c.

2390. **Peony-Flowered.** Large, showy, double globular flowers, mixed colors. Pkt., 5c.

## HARDY PERENNIAL POPPIES

2386. **Oriental.** Gorgeous summer-flowering plants, producing in abundance deep crimson flowers five or six inches across. Pkt., 10c.

2392. **Oriental Hybrids.** Beautiful new hybrids of the Oriental Poppy, producing flowers 6 inches and over in diameter, and of many novel colors, such as salmon and cherry. Pkt., 15c.



SINGLE POPPY.



BED SINGLE PORTULACA.

## PORTULACA

Brilliant dwarf annuals, blooming profusely from early summer to autumn. For low beds and masses of color they are very desirable.

2400. **Finest Single, Mixed.** A large variety, of the most brilliant colors. Pkt., 5c.; oz., 30c.

2401. **Double Rose-Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

## PRIMULA

This beautiful flowering plant is indispensable for winter decoration in the home or conservatory. Our seed is very choice, being saved from the best English strains. Sow in March, April or May.

## Single Primula

2420. **Sinensis Fimbriata.** Fringed varieties. Very choice, mixed. Pkt., 20c.

2432. **Johnson's Choicest Prize Mixed.**

Our Prize Primula seed is grown by a renowned English specialist, who has received the highest awards at the leading Continental shows. The florets are unsurpassed in size and wide range of brilliant and distinctive colors. Pkt., 30c.

## PRIMULA FORBESI (or Baby Primrose)

2423. This is the freest flowering Primula we know of. The seed comes up very readily and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. Pkt., 20c.

## DOUBLE PRIMULA

2421. **Double, Mixed.** Pkt., 35c.

Our Double Primulas bring a large percentage of double flowers.

2424. **Oboconica Grandiflora.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and

JOHNSON'S PRIZE PRIMULA.

have the true primrose fragrance. Pkt., 10c., 3 pkts., 25c.

2426. **Floribunda.** Similar to "Oboconica," but the flowers are a beautiful primrose yellow. Pkt., 20c.

2425. **Japonica (Japanese Primrose).** Pkt., 10c.

2426. **Vulgaris.** Yellow English Primrose. Pkt., 5c.

## PYRETHRUM (Feverfew)

2440. **P. Parthenifolium Aureum (Golden Feather).** A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. **P. Roseum (Persian Insect Powder Plant).** Handsome aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.

## RICINUS

(Castor Oil Plant)

Large, luxuriant, rapid-growing foliage annuals, with large, handsome metallic leaves. Used for sub-tropical effects on the lawn, or for the taller centres of foliage beds; 6 to 10 feet.

2460. **Gibsoni.** Handsome deep red foliage. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.; oz., 15c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves are of a bright metallic bronze; the large branches of the fruit are of a vivid red. Pkt., 5c.

2465. **Ricinus Zanzibariensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across, and include light and dark green and coppery bronze colors. Pkt., 5c.; per oz., 15c.



RICINUS, CASTOR OIL PLANT.

## SALVIA, OR SCARLET SAGE

Gorgeous effects can be produced by massing on the lawn or in the garden, or planted in rows along a sunny drive. A perennial, but blooms the first season from seed.

2520. **Splendens.** Scarlet sage. Pkt., 10c.

2521. **Patens.** Blue sage. Pkt., 10c.

NEW SALVIA  
SPLENDENS,  
"SILVER SPOT"

2522. The leaves are rich, soft, dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit. Seed, per pkt., 10c.

2523. **Clara Bedman, or Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.



SCARLET SAGE.

## SALPIGLOSSIS (Velvet Flower)

The flowers are singularly marked and delicately penciled—in shape resembling a Petunia.

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully penciled. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large flowering Salpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with orchids. Pkt., 5c.

## TROPÆOLUM CANARIENSE

490. **CANARY BIRD VINE.** A rapid growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5c.

# JOHNSON'S CHOICE SWEET PEAS

A Helpful List arranged as to color. Prices, per pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.;  $\frac{1}{2}$  lb., 30c.; lb., 50c.

## WHITE

2769. **Dorothy Eekford.** (See cut.) Graceful large flowering.

2722. **Emily Henderson.** Large, pure white, early.

2711. **Mont Blanc.** The earliest. Very large flowering.

## YELLOW

2773. **Mrs. Eekford.** A delicate primrose yellow self.

2695. **Queen Victoria.** Light primrose, self-colored.

2767. **Stella Morse.** Rich primrose, flushed pink.

## ORANGE-PINK

2808. **Gorgeous.** Rich glowing scarlet-orange.

2706. **Lady Penzance.** Orange-pink, wings pure white.

2714. **Orange Prince.** Orange-salmon, wings pink.

2771. **Oriental.** Bright orange-pink, heavily veined.

## PINK AND PINK AND WHITE

2685. **Countess of Aberdeen.** Pink, turning lighter.

2793. **Countess of Lathom.** Delicate pink self.

2719. **Crown Jewel.** Standard suffused with rosy violet; wings creamy white, tinted with rose.

2717. **Hon. F. Bonverie.** Deep pink, shading lighter.

2750. **Katherine Traey.** Soft but brilliant pink.

2797. **Little Dorrit.** Beautiful clear pink.

2771. **Lovely.** Beautiful soft shell-pink.

2777. **Modesty.** Most delicate shade of pink.

2798. **Mrs. Gladstone.** Lovely soft pink.

2710. **Peach Blossom.** Salmon-pink.

2732. **Prima Donna.** The softest clear pink self.

2752. **Royal Robe.** A bright but soft pink self.

2768. **Sensation.** White, suffused with bluish-pink.

2712. **Blanche Ferry.** Pink and white.

2690. "Earliest of All." Pink and white, very early.

2755. **Extra Early Blanche Ferry.** Pink and white.

## ROSE OR DEEP PINK

2730. **Her Majesty.** A most beautiful rose.

2720. **Lady Skelmersdale.** Standard light carmine, shading to white; wings almost pure white.

2790. **Majestic.** Rich deep rose-pink self.

2778. **Ovid.** Rose pink margined with deeper rose.

## ROSE-CRIMSON AND SCARLET AND CRIMSON

2791. **Lord Kenyon** (new). Rose-magenta, flushed crimson.

2715. **Mrs. Dugdale.** Crimson-rose. Large flowering.

2675. **Oddity.** Peculiar pale carmine and bright rose.

2733. **Prince of Wales.** Rose-crimson; self-colored.

2728. **Firefly.** Brilliant scarlet.

2747. **Mars.** Crimson-scarlet.

2688. **Salopian.** The best of the crimson-scarlets.

## MAROON

2705. **Black Knight.** Deep maroon; self-colored.

2713. **Boreatton.** Very dark maroon; self-colored.

2727. **Duke of Clarence.** Rich deep claret self.

2670. **Duke of Sutherland.** Claret and indigo-blue.

2735. **Monarch.** Deep bronzy maroon with blue.

2721. **Othello.** A very deep glossy maroon self.



DOROTHY ECKFORD SWEET PEA. LARGE FLOWERING WHITE.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.

## JOHNSON'S

## RAINBOW MIXTURE

Guaranteed to please

2700. Positively the highest-grade mixture that can be made. Mixed by ourselves exclusively and includes many recent "Novelties," both English and American, and highest-improved standard varieties. We spare no pains to keep it pure and to maintain its enviable reputation. Sure to give you many delightful surprises as the new colors and shades unfold.

Price, pkt., 5c.; oz., 8c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

## ECKFORD'S LARGE FLOWERING MIXED

2726. **A Fine Mixture.** This strain, although not embracing the most recent novelties, contains a good assortment of the famous Eckford Sweet Peas. A good Standard Mixture. Pkt., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

## BLUE AND PURPLE

2792. **Captain of the Blues.** Standard purple-blue, wings bright blue.

2774. **Celestial.** Delicate azure blue.

2726. **Countess Cadogan.** Standard light bluish purple; wings clear blue.

2796. **Duke of Westminster.** Standard clear purple; wings purple, with tint of violet.

2703. **Navy Blue.** Standard indigo and violet; wings indigo, shading to navy blue and bright blue.

## PURPLE-MAUVE AND LAVENDER

2725. **Dorothy Tennant.** Rich rosy mauve self.

2734. **Emily Eekford.** Rosy mauve, changing to an almost true blue.

2794. **Fascination** (new). Delicate magenta-mauve.

2738. **Countess of Radnor.** Pale mauve or lavender.

2731. **Golden Gate.** Shaded lavender.

2719. **Lady Grisel Hamilton.** Standard mauve; wings lavender. Flowers extra large.

2687. **Lady Nina Balfour.** Delicate light lavender.

## BLUE OR LAVENDER-EDGED

2723. **Lottie Eekford.** White, shaded and edged with soft lavender.

2776. **Maid of Honor.** White, edged and shaded with light blue.

## VARIEGATED

2677. **America.** Crimson-scarlet, striped on white.

2746. **Coquette.** Primrose-yellow, shaded pale lavender.

2672. **Daybreak.** Crimson scarlet, on white ground.

2770. **Dolly Varden.** Purple-magenta, shaded white.

2674. **Gray Friar.** Beautiful light watered purple on white ground, having a grayish effect.

2756. **Jeanita.** White, striped with pale lavender.

2678. **Lottie Hutchins.** Cream, flaked with pink.

2588. **Mikado.** Cerise ground, veined with white stripes.

2671. **Mrs. Joseph Chamberlain.** White, striped and flaked heavily with pale rose.

2795. **Pink Friar.** Carmine rose on white ground.

2678. **Ramona.** Creamy white, splashed with pale pink.

2751. **Waverly.** Standard rosy claret; wings light blue.

Price, any of the choice named sorts, pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.;  $\frac{1}{2}$  lb., 30c.; lb., 50c.

## SENSITIVE PLANT

(Mimosa)

2040. A curious plant, leaves close if touched or shaken.  
Pkt., 5c.

## SMILAX

2120. A graceful climber. Largely used for decorations and bouquets. Pkt., 10c.;  $\frac{1}{4}$  oz., 15c.; per oz., 40c.

## DWARF LARGE FLOWERING STOCKS

The Dwarf German Ten Weeks Stocks are easily grown and are of great beauty and fragrance.

	PKT.
2660. Blood Red . . . . .	80 10
2661. Crimson . . . . .	10
2662. White . . . . .	10
2668. Pink . . . . .	10
2663. Blue . . . . .	10
2665. Mixed . . . . .	10
2666. Dwarf Wall-flower Leaved, Mixed. Pkt., 10c.	

2667. Snowflake. A fine variety, with very large and double pure white flowers. Pkt., 10c.

2669. Princess Alice (*Cut and Come Again*). A perpetual blooming, double, pure white; excellent for cutting. Pkt., 10c.

## STOKESIA CYANEA

(The Cornflower or Stokes' Aster)

2655. This native hardy plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms each measuring from 1 to 5 inches across.

We have no hesitation in saying that Stokesia is one of the most valuable and desirable hardy plants offered. Seed: per pkt., 10c. Plants: each, 15c.; per doz., \$1.50.

## SWEET WILLIAM

*(Dianthus Barbatus)*

Favorites in every garden. Perfectly hardy and with a rich profusion of bloom. No plant can surpass this old favorite. Height, 1 ft.

2741. **Perfection**  
Single Mixed. Pkt., 5c.; oz., 25c.

2740. Double Mixed. Pkt., 10c.

2742. **Auricula**  
Flowered. Choice single varieties. Pkt., 5c.

## SUNFLOWER

*(Helianthus) — SINGLE*

## VARIETIES

1511. **Miniaturess**  
Sunflower (*Cucumerifolius*). Dwarf branching habit, flowers orange with black centre Oz., 25c.; pkt., 5c.

## DOUBLE VARIETIES

1510. **Californicus Plenissimus**. Extra large, double saffron-colored flowers. Pkt., 5c.

1512. **Globosus Fistulosus** (*Dahlia Sunflower*). Flowers very double and of medium size. Pkt., 5c.



SUNFLOWER.



MAMMOTH VERBENAS.

## VERBENA

For garden beds or massing the Verbena is unrivaled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom profusely the first season from seed.

**New Mammoth.** Our strain of Mammoth Verbenas is unequalled; flowers of the largest size and brilliant colors.

2810. Mammoth White . . . . .	Per pkt., 10c.; per oz., \$1.50.
2811. " Scarlet . . . . .	
2812. " Pink . . . . .	
2813. " Purple . . . . .	
2814. " Striped . . . . .	
2815. " Mixed, pkt., 10c.; per oz., \$1.00.	
2825. <b>Fine Mixed.</b> Pkt., 5c.; per oz., 75c.	
2826. <b>Lemon Verbena.</b> ( <i>Aloysia Citriodora</i> ). Pkt., 10c.	

## NEW MOSS VERBENA

No. 2827. This new strain of Verbena is not over 6 inches high, but branches out and literally covers the ground. It is smothered with flowers of the true Verbena type all summer long. It is valuable anywhere, but especially so for bedding and edging. Price, per pkt., 10c.

VIOLET (*Viola Odorata*)

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial;  $\frac{1}{2}$  ft.

2860. V. **Slugs White.** Sweet scented. Pkt., 10c

2861. V. **Single Blue.** Sweet scented. Pkt., 10c

WALLFLOWER (*Cherianthus Cheri*)

A handsome, popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. **Wallflower, Double Mixed.** Yellow, brown and purple flowers. Pkt., 10c.

2901. **Single Mixed.** Showy colors. Pkt., 5c.; oz., 25c

## ZINNIA—(Youth and Old Age)

The double Zinnia is one of the most brilliant and showy of annuals.



MAMMOTH ZINNIAS.

2941. **Mammoth** (*Robusta Plenissima*). Very large flowers, perfectly double and of striking colors. Bushy habit. Pkt., 10c.; oz., 40c.

## Large Flowering Double Dwarf.

2930. **Scarlet.** Pkt., 5c.

2931. **Orange.** Pkt., 5c.

2932. **White.** Pkt., 5c.

2933. **Canary.** Pkt., 5c.

2942. **Striped Zebra.** A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. Pkt., 10c.

2938. **Curled and Crested.** Large flowers with twisted petals, great range of color. Pkt., 10c.

2939. **Dwarf Varieties.** Mixed. Oz., 35c.; pkt., 5c.

2940. **Tall Varieties.** Mixed. Oz., 20c.; pkt., 5c.

## TROPAEOLUM

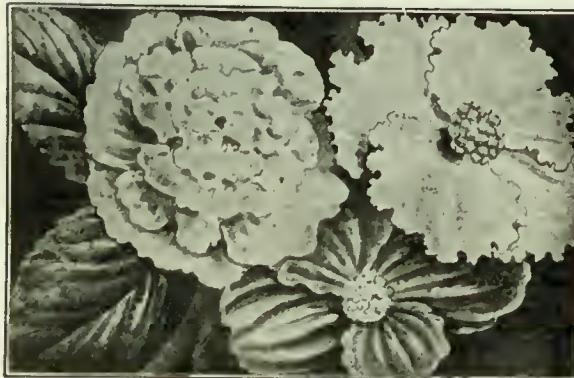
(Canary Bird Flower)

490. A rapid growing annual climber. Flowers resemble a bird with expanded wings. Pkt., 5c.

## SUMMER FLOWERING BULBS

NOTE.—Bulbs quoted by the dozen will be sent by mail postpaid only where so specified

## BEGONIAS—Tuberous Rooted



TUBEROUS-ROOTED BEGONIAS.

Per dozen, 40c.; per 100, \$2.75; per 1000, \$25.00.

## BEGONIAS—Selected Bulbs

(1½-1½ inch bulbs.)

Each	Doz.	Per 100	Per 1000
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Postpaid

Single: White, scarlet, crimson, rose and yellow . . . . .	\$0 05	\$0 40	\$2 75	\$25 00
" Choice Mixed . . . . .	5	35	2 50	22 00
Double: White, scarlet, crimson, rose and yellow . . . . .	8	75	5 00	45 00
" Choice Mixed . . . . .	8	60	4 50	38 00

## NEW CRISPA OR FRILLED BEGONIAS

Magnificent flowers with frilled and wavy petals, measuring 4 to 6 inches across, of unique form and the most brilliant colors. 25c. each; \$2.75 per dozen (postpaid); \$18.00 per 100.

## CANNAS—Selected Large Flowering

If desired by mail, add 10c. for postage.

Per Doz. Per 100

Alphonse Bouvier. Crimson, 6 ft. . . . .	\$0 60	\$4 50
Alasce. Sulphur white, 4½ ft. . . . .	60	4 50
Beante Poitevine. Brilliant, crimson scarlet, 3 ft. . . . .	60	4 50
Black Prince. Very dark velvety maroon, 3½ ft. . . . .	60	4 50
Buttercup. Finest yellow, 3 ft. . . . .	60	4 50
Chas. Henderson. Bright crimson, 4 ft. . . . .	60	4 50
Cinnabar. Cinnabar red, edged yellow, 4½ ft. . . . .	85	6 50
Egandale. Currant-red, bronze leaved, 4 ft. . . . .	60	4 50
Florence Vaughan. Yellow, spotted red, 4 ft. . . . .	60	4 50
Luray. Deep rose pink, 4½ ft. . . . .	75	5 50
Mme. Crozy. Gilt-edged scarlet, 4 ft. . . . .	60	4 50
Mlle. Berat. Bright pink, 4 ft. . . . .	60	4 50
Queen Charlotte. Crimson scarlet, broad canary yellow border, 3 ft. . . . .	60	4 50
Secretaire Chabanne. Salmon, 3 ft. . . . .	60	4 50
Souv. de Antoine Crozy. Intense scarlet with golden edge, 3½ ft. . . . .	60	4 50

## ORCHID FLOWERED CANNAS

Allemania. Salmon scarlet, with yellow border, 6 ft. . . . .	\$0 60	\$4 50
Austria. Canary yellow, with yellow dots in the center, 6 ft. . . . .	60	4 50
Italia. Bright orange scarlet, with yellow border, 6 ft. . . . .	60	4 50
Pennsylvania. Vermilion scarlet, overlaid with orange, 6 ft. . . . .	85	6 50
Cinnamon Vine Roots. . . . .	Each \$0 05	Doz. \$0 50
		Per 100 \$3 50

## JAPANESE FERN BALLS

(Directions for starting accompany each order.)



	Each	Doz.	Per 100
Small size, 5 to 6 inches in diameter . . . . .	\$0 25	\$1 75	\$12 00
Large " 7 " 9 " " " . . . . .	40	2 75	21 00

CALADIUM ESCULENTUM  
(ELEPHANT'S EARS)

	Per Doz.	Per 100
Large size . . . . .	\$2 00	\$11 00
Medium size . . . . .	1 50	9 00
Small size . . . . .	60	4 00

## CYCAS REVOLUTA—Sago Palm

	Ready in March		
Per pound . . . . .			\$0 12
10 pounds . . . . .			1 00
25 pounds . . . . .			2 00
100 pounds . . . . .			7 00
300 pounds (case) . . . . .			20 00
Stems are graded in cases as follows: ½ lb. to 2 lbs.; 2 lbs. to 5 lbs.; 5 lbs. to 10 lbs.			

## GLADIOLUS

Strictly first size Bulbs

	Per Doz.	Per 100	Per 1000
Scarlet and Crimson, mixed . . . . .	\$0 25	\$1 25	\$10 00
White and Light, shades mixed . . . . .	30	2 00	16 00
Yellow and Orange, shades mixed . . . . .	40	3 25	29 00
Striped and Variegated, mixed . . . . .	35	2 25	20 00
Pink and Rose, shades mixed . . . . .	30	1 75	18 00
New Giant (Childsii), mixed . . . . .	35	2 25	19 00
Lemoine's Hybrids, mixed . . . . .	30	1 75	14 00
Groff's Hybrids, extra fine mixed . . . . .	30	1 75	15 00

JOHNSON'S PRIZE WINNER MIXTURE, No. 1. A superb collection of Gandavensis, Childsii and Lemoinei Gladioli, that cannot be excelled for size of flowers and range of brilliant colors. 30c. per doz.; \$1.50 per 100; \$13.00 per 1,000.

JOHNSON'S PRIZE WINNER MIXTURE, No. 2. The same as above, but smaller bulbs. 25c. per doz.; \$1.25 per 100; \$9.00 per 1,000.

## GLOXINIAS—Giant Flowering

An unsurpassed giant flowering strain from a Ghent specialist  
Selected Bulbs (1½-1½ inches in diameter).

	Each	Doz.	100
Blue . . . . .	\$0 05	\$0 60	\$4 00
White . . . . .	5	60	4 00
Spotted . . . . .	5	60	4 00
Crimson . . . . .	5	60	4 00
Violet, white border . . . . .	5	60	4 00
Red . . . . .	5	60	4 00
Mixed . . . . .	5	50	3 50

	Each	Doz.	100
Blue . . . . .	\$0 08	\$0 75	\$5 00
White . . . . .	8	75	5 00
Spotted . . . . .	8	75	5 00
Crimson . . . . .	8	75	5 00
Violet, white border . . . . .	8	75	5 00
Red . . . . .	8	75	5 00
Mixed . . . . .	8	60	4 50
Mexican or Mignonette Vine Roots . . . . .	5	50	3 00

6 Bulbs at dozen rate; 25 at 100 rate; 250 at 1000 rate

JOHNSON'S  
SUPERB

## DAHLIAS

DAHLIAS OF SPECIAL  
MERIT

**GENERAL BUTLER** (*Fancy Cactus*).  
Velvety maroon, tipped white, very  
distinct color. 20c. each.

**KRIEMHILDE** (*Cactus*). Exquisite pink  
and white flowers, one of the most  
popular Dahlias and invaluable for  
cutting. 20c. each.

**MRS. H. J. JONES** (*Cactus*). Scarlet  
crimson, striped white, exquisite both  
in color and form. 20c. each.

**VOLKER** (*Cactus*). Splendid rich yellow.  
Perfect cactus form. 20c. each.

**MRS. ROOSEVELT** (*Decorative*). This  
novelty has probably won more ad-  
miration than any Dahlia heretofore  
introduced. The beautiful silver pink  
flowers are gigantic in size and perfect  
in form. 25c. each.

**MRS. WINTERS** (*Decorative*). Large,  
elegant, snow-white flowers, of the  
rarest beauty and refinement. 20c.  
each.

**FLORIDORA** (*Cactus*). Dark velvety  
crimson an early and profuse bloomer,  
of exquisite form and color. 20c. each.

**GALLIARD** (*Cactus*). Rich glowing  
carmine, long tubular incurved petals,  
one of the very best. 20c. each.

We will mail one each of the  
above 8 desirable sorts for \$1.50.

## CACTUS DAHLIAS

**Chas. Woodbridge.** Rich crimson  
flowers of the finest cactus type.

**Miss A. Jones.** Bright crimson scarlet,  
splendid color.

**J. W. Fife.** Purple maroon, very rich.  
Hunoid. Tint red. Immense flowers.  
Splendid.

**Britannia.** Deep salmon flesh. Dainty  
color, large, early and free.

**Capstan.** Orange scarlet, shaded apricot,  
brilliant.

**Countess of Lonsdale.** Pink and amber.  
Large flowers of perfect form, in  
profusion. The most satisfactory  
Cactus Dahlia in cultivation.

**Earl of Pembroke.** Bright plum, splen-  
did quilled petals.

**Fighting Mae.** Rich blood red. A free and continuous  
bloomer.

**Queen Wilhelmina.** Deep chestnut. Free and fine.

**Rosenhagen.** Salmon rose, edges magenta.

**Strahlen Krone.** Intense cardinal red, very large, an  
early and continuous bloomer.

Any of the above varieties, 15c. each; \$1.50 per dozen,  
postpaid.



## DECORATIVE DAHLIAS

**Catherine Duer.** Newport's fashionable flower, iridescent  
crimson scarlet.

**Claribel.** Large, rich, royal purple flowers, on long, grace-  
ful stems, a splendid variety.

**Grand Duke Alexis.** Pure white, delicately tinged pink,  
fine.

**Henry Patrick.** Snow white, large and free.

**Lueille.** Old gold, odd and pretty.

**Mephisto.** Orange scarlet, one of the brightest.

**Sundew.** Massive orange scarlet flowers in great profusion.

**Sylvia.** White shading to pink, large, early and free. A  
fine color.

**Wm. Agnew.** Dazzling pure red, exquisite color and  
form.

**Zulu.** (The black Dahlia.) Black maroon, rare shade.

Any of the above varieties, 15c. each; \$1.50 per dozen,  
postpaid.

## SHOW DAHLIAS

**Carol.** Pure white, delicately tinted soft pink. Sturdy and  
free.

**Cilent.** Large deep velvety crimson. Splendid form and  
color.

**Emily.** Lavender and white. Large and distinct.

**Frank Smith.** Deep purple maroon, tipped white with  
pink shading. One of the most charming fancies.

**Frank Goodman.** Purple, tipped white. Very distinct.

**Jno. Bennett.** Salmon buff. A rare and attractive shade.

**Kaiser Wilhelm.** Yellow, tipped carmine. Fine quilled

form and conspicuous color.

**Maid of Kent.** Rich crimson tipped snow white, variable.  
Purity. Snow white, of ideal form.

**Queen Victoria.** Splendid golden yellow. Beautifully  
quilled.

**Red Hussar.** Bright cardinal red, of perfect form. Very  
free.

**Thos. Westcott.** Fiery red, tipped white, beautiful.

**Arrah-na-Pogue.** Fancy, maroon tipped white, very  
distinct.

**Buffalo Bill.** Fancy, golden orange, striped crimson.

**Le Phare.** Bright red flowers on long stems, splendid.

**Model of Perfection.** Deep rose. Small but beautiful  
flowers, both in form and color.

**Prince Bismarck.** Exquisite rich purple.

**Red Head.** A dwarf bedding plant, producing large, beau-  
tiful bright red flowers in the greatest profusion.

Any of the above sorts, 15c. each; \$1.50 per dozen,  
postpaid.

## MIXED DAHLIAS

We have a large surplus of undivided field-  
grown roots in unnamed varieties from a splen-  
did collection, at 10c. each; \$1.00 per dozen; \$5.00  
per 100; \$40.00 per 1000.

# Johnson's High-Grade Lily of the Valley Pips

We import the finest stocks procurable of Berlin and Hamburg Pips.

**Johnson's Selected** 3-year-old Berlin Pips for Christmas or early forcing.

Per Doz. Per 100 Per Case  
Doz. 100 1000 2500 Pips  
\$0.30 \$1.50 \$13.00 \$30.00

Hamburg, for later forcing.

Per Doz. Per 100 Per Case  
Doz. 100 1000 2500 Pips  
\$0.30 \$1.25 \$11.00 \$25.00

**Cold Storage Lily of the Valley**  
Prices on application.



## JAPANESE LILIES

### LILIUM AURATUM

(The Golden-Banded Lily of Japan)

This queen of lilies has immense blooms, measuring nearly a foot across. The large, white petals are thickly spotted with rich chocolate crimson, and have a bright golden-yellow band through the center of each.

	Each	Per Doz.	Per 100
8 to 9 inches { Add 15c. per doz. if to be sent by mail.	\$0.12	\$0.80	\$5.50
9 to 11 inches {	20	1.50	8.50

### LILIUM (Lancifolium)

#### SPECIOSUM RUBRUM

Add 15c. per doz. if wanted by mail.	12	90	6.50
7 to 9 inches	20	1.50	9.00

### LILIUM (Lancifolium)

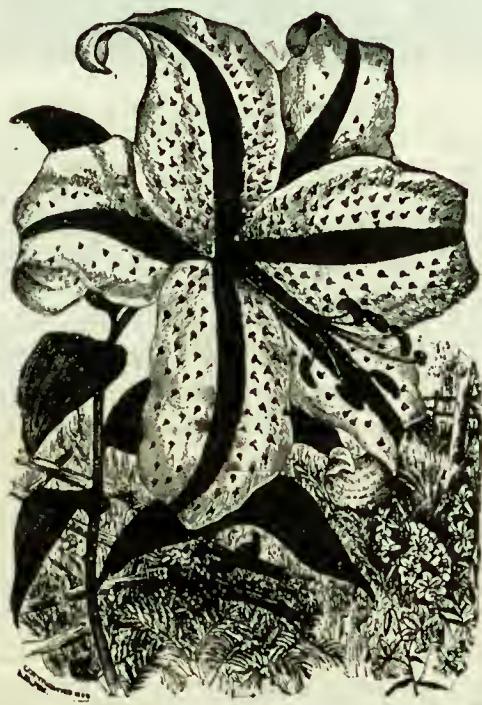
#### SPECIOSUM ALBUM

Add 15c. per doz. if wanted by mail.	12	1.25	8.00
8 to 9 inches	20	1.75	13.00

### LILIUM (Lancifolium)

#### SPECIOSUM MELPOMENE

Add 15c. per doz. if wanted by mail.	12	1.10	7.00
Rich crimson, heavily spotted, fine.			
8 to 9 inches			



LILIUM AURATUM.

The Golden-Banded Lily of Japan. Large size, 20c. each; per doz., \$1.50.

## PÆONIES

### DOUBLE SWEET SCENTED

#### SUPERB VARIETIES

The Peony continues to grow in popular favor. The varieties offered herewith have been selected by an eminent specialist with a view of meeting the demands of a critical florists' trade; hence the varieties quoted are those which produce long stems, magnificent flowers, and the most desirable sorts for cutting. Price of any of the following varieties, 25c. each; \$2.25 per dozen; \$13.00 per 100.

**Alba Plena.** White, very popular.

**Agida.** Rich, glowing dark red.

**Caroline Allain.** Blush white.

**Fragrans.** Deep pink, with light center.

**Humble.** Large pink; with bluish center; fine.

**Madame Calot.** Pure white, tinted rose.

**Ne Plus Ultra.** Brilliant rose, edged white.

**Prinee Prosper d'Aramberg.** Flesh pink, extra large flower.

**Pulcherrima.** Rose violet center, rose and salmon.

**Rosea Elegans.** Rosy purple with lighter center.

**Reevesii.** Soft pink, red blotch on center petals.

**Rubra Triumphans.** Rich glowing crimson.

**Queen Victoria.** White, red blotch on center petals.

**Duke of Wellington.** Soft white, creamy white center.

Per dozen, \$2.25; \$16.00 per 100.

**Festiva Alba.** Pure white, very fine.

**FESTIVA MAXIMA.** White, center petals flaked red; magnificent flower; the most popular of peonies. Each, 35c.; \$3.75 per dozen.

## DOUBLE CHINESE PÆONIES

	Each	Per dozen.	Per 100
Pink Shades	\$0.20	\$1.70	\$10.00
Red	20	1.70	10.00
White	25	1.75	12.00
Mixed—All colors	20	1.50	8.00

## PÆONY OFFICINALIS

The "old-fashioned Peony," flowering about two weeks earlier than the Chinensis variety, with large, fragrant double flowers, the "Rubra" or crimson being the most popular of this species for cutting.

	Each	Per Doz.	100
Rubra.	Brilliant glowing crimson	\$0.20	\$1.25
Rosea.	Bright rosy-pink	25	1.75
Alba.	Blush-white	25	2.25

**NOTE.**—The prices of PÆONIES by the DOZEN include postage prepaid. If desired by freight or express, deduct 20c. from the dozen rate.

6 BULBS AT DOZEN RATE; 25 AT 100 RATE; 250 AT 1000 RATE, OF ANY ONE VARIETY.

# JOHNSON'S HIGH GRADE ROSES

**LEAFLET ESSAY,** "Hints on Rose Culture," included free with each order if you ask for it.  
**NOTICE.**—We offer mailing-size roses only. See Foot-Note.

## "THE IDEAL" SET OF HARDY EVER-BLOOMERS

**Hermosa.** Everybody knows the beauty and constancy of this old favorite. Clear bright Pink; very double and fragrant and quite hardy. No list complete without Hermosa.

**Marie Guillot.** Large, full flowers, pure snowy white in color. Admirably adapted to outdoor culture. Always in bloom and always satisfactory.

**Marie Van Houtte.** Fine for open ground. Beautiful straw-yellow. Very double; unusually fragrant; an abundant bloomer.

**Maman Cochet.** Pink tea rose with enormous flowers of great depth and substance. Never fails to grow and bloom profusely with only ordinary care. A beautiful rich coral Pink.

**Kaiserin Augusta Victoria.** Pure ivory-white flowers, of enchanting fragrance and beauty. Stems long and stiff; growth strong; every flower a beauty.

**Queen's Scarlet.** Very hardy scarlet rose, of a rich velvety crimson. Handsome-shaped buds and flowers. Most valuable for garden culture; a bed once established is a mass of bright scarlet the entire blooming season.



MARIE VAN HOUTTE ROSE.

### Prices of above "Ideal" Roses:

1 year, 15c. each; any 6 for 60c.; set of 12 for \$1.00, by mail, postpaid.

## FIVE COLLECTIONS ARRANGED WITH CARE TO SUIT YOUR GARDEN

### PRICES AT END OF LIST

#### COLLECTION "A"

##### THE LA FRANCE QUARTET

The La France type of roses are nearer to perfection than any other class and should have a place in every garden. They are without a rival for their rich fragrance and handsome buds and great satiny flowers. We offer White, Red, Striped and the true Pink La France.

#### COLLECTION "B"

##### THE COCHETS

All good growers, splendid bloomers and fine bedding sorts. Every plant is a gem and in great demand. Queens among roses; flowers are enormous, full and deliciously sweet. Pink Maman Cochet, Yellow Cochet, White Cochet, Red Cochet (Helen Gould).

#### COLLECTION "C"

##### THE SOUPERT SET

The Souperts are world-famous. Noted for their beautiful camellia form and good bedding qualities. Bloom early and continue loaded with lovely buds and flowers all summer and fall. Yellow, Pink, White and the new Climbing Clotilde Soupert.

#### COLLECTION "D"

##### THE HERMOSA ROSES—ALWAYS IN BLOOM

The Hermosas are the old-fashioned, hardy, bedding roses our grandmothers loved. Exquisitely formed and daintily scented. We have them. Purest White, satiny Pink, velvety Scarlet, or rich Canary Yellow.

**Prices of above Collections, A, B, C, D, E, single plants, 1-year, 15c. each; any one complete set for 50c., postpaid; the 5 complete sets for \$2.25, postpaid.**

# ROSES

**Bessie Brown.** Superb new white rose. Exquisite long buds, of warm, soft flesh pink tint, that glisten like mother-of-pearl. Constant, profuse bloomer and delightfully perfumed. Hardy and vigorous.

**Helen Gould (Red Cochet).** One of the best roses ever introduced. Intense carmine crimson with deeper shades in the depth of the petals, much like American Beauty. Wonderfully prolific and entirely hardy.

**Etoile de Lyon.** Well-known golden yellow, of great vigor and sweetness. The best Pure Yellow Rose for garden planting—yet introduced. Makes beautiful buds; is very double and fragrant.

**Papa Gontier.** Noted for its perfect bud and long stem. Carmine crimson. Fine for cut flowers. Sometimes called "The Ever-blooming Jack."

**Mad. Franceska Kruger.** Splendid for general culture, its striking color and free growth giving it popularity wherever grown. Beautiful coppery yellow, with large flowers. Unlike any other rose in our list.

**La France.** Too well known to need more than a mention. Great satiny pink flowers.

#### COLLECTION "E"

##### FOUR FAMOUS RAMBLERS

**Yellow Rambler.** The only yellow hardy Climbing Rose. The bloom is frequently borne in clusters of from 120 to 150 flowers; the color is a clear, decided yellow, changing in two or three weeks to a beautiful cream-color.

**Pink Rambler.** Like the above in great vigor, hardness and lavish bloom, but with flowers of rich, rosy pink.

**White Rambler.** Exquisite pure white double flowers in large clusters. Has all the grand traits of the other Ramblers.

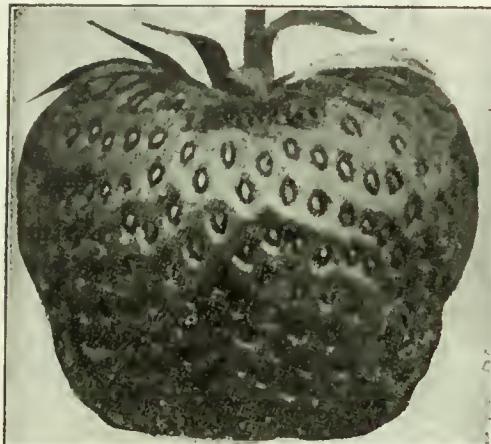
**Crimson Rambler.** Incomparably the finest in effect of all Climbers. The great trusses of small, glowing crimson flowers appear in June, and remain brilliant for weeks. Shoots from 8 to 10 feet high spring up in one season. As hardy as an oak.

#### BABY RAMBLER

Yes, we have it, and it will create a sensation among lovers of new roses the coming season. It will bloom on the cutting bench if allowed. An absolutely hardy, ever-blooming cluster rose, much like the well-known Crimson Rambler, but of dwarf growth. Will bloom all the season, outdoors and indoors as well. Nice mailing size plants, 25c.; 3 for 50c.; 7 for \$1.00. Everybody will want it, and our plants are fine. Will be in great demand—don't delay in ordering.



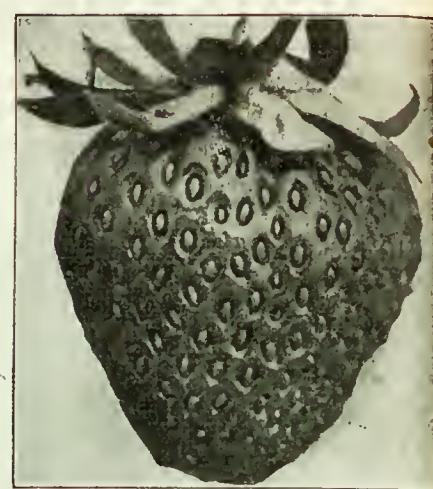
**Mailing Size Only.** Our roses are small, well-rooted plants, grown especially for sending by mail, postpaid. Therefore we do not handle what are known as "two-year-old" roses. Our desire is to give our customers an opportunity to obtain at moderate prices varieties which cannot always be procured from a local florist.



OOM PAUL—BIGGEST OF ALL.

**OOM PAUL** strawberry is a wonder. Stupendous in size and delicious in flavor. Good shape, elegant color and fine shipper. A very rank grower and a perfect bloomer. The berries are giants; six have been known to fill a quart box, and the last picking never runs small. Single plants yield a full quart. Very prolific; one hundred and forty quarts were picked from two hundred and eighty plants at one single picking. Price, postpaid, 40c. per dozen. By express, 30c. per dozen; \$1.00 per 100; \$6.00 per 1,000.

**CAMERON EARLY.** The Very Earliest Strawberry. In bloom as soon as cold weather is over, and fruit ripens the earliest of any berry we have ever known. Berries large, good keepers and of unusually fine flavor. Price, postpaid, 50c. per dozen. By express, 35c. per dozen; \$1.25 per 100; \$7.00 per 1,000.



AUTO STRAWBERRY.

**AUTO.** A new perfect flowering Delaware berry, of large size and extra fine quality. Enormously prolific, of unusual vigor and carries its fruit well up from the ground. Will flourish and bear a fine crop under adverse weather conditions. Flavor delicious; pointed in shape (see illustration). Price, postpaid, 50c. per dozen. By express, 35c. per dozen, \$1.25 per 100; \$7.00 per thousand.

**NEW HOME.** As late and large as Gandy, fruit a bright red color, which it holds long after being picked. Uniformly large size; a good keeper and shipper. Vigorous grower, and will produce a large crop on either high or low ground. Price, postpaid, 50c. per dozen. By express, 35c. per dozen; \$1.25 per 100; \$7.00 per thousand.

## SEVEN STANDARD STRAWBERRIES

**THE MAXIMUS.** One of the largest and most beautiful of all Strawberries. Perfect bloomer; strong, robust and prolific. Berries conical, deep glossy scarlet; flesh pink, very tender, of mild flavor. Late.

**GLEN MARY.** Perfect flowering. Vigorous, of Brandywine type. Enormously productive of large, deep red berries. Flesh very firm. Red clear to the center; sweet, rich and high-flavored; a decidedly good all-round berry. Medium season.

**SHARPLESS.** Old favorite. Perfect flowering variety. The plant is exceedingly large, vigorous, free from rust. Fruit moderately firm; good. Midseason.

**MARSHALL.** (*Midseason.*) Berries very beautiful and average extraordinarily large—often fourteen will fill a quart measure. For home use it is peerless. The first of the extra large varieties to ripen, and of great size. Color a rich glossy crimson. Perfect blooming.

**BRANDYWINE.** (*Midseason to very late.*) Brandywine is already world-famous; in fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory. The berries are of large size, glossy scarlet, very firm, solid and shapely, rich, juicy and luscious, and wonderfully productive. Perfect flowering.

**“THE GANDY.”** (*Late.*) One of the best late strawberries ever introduced. The fruits are uniformly large, perfect in form and firm; color, bright crimson and glossy. Quality superb. Perfect blooming.

**BUBACH, No. 5.** (*Midseason.*) A prominent grower says: “If all varieties were culled out but ten, I would place Bubach, No. 5, at the head of the list, on account of its large, bright berries, immense yield and fine flavor.” Pistillate.

**Prices of the Above Seven Standard Varieties:** By mail, postpaid, 40c. per dozen; \$1.50 per 100. By express, 25c. per dozen; 75c. per 100; \$5.00 per 1,000.

**POTTED STRAWBERRY PLANTS READY IN AUGUST. WRITE FOR PRICES**



## CALIFORNIA PRIVET

Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

A vigorous grower, with leaves of a good, rich shade of green; it is almost an evergreen, the new leaves putting forth as the old ones fall.

Privet can be pruned at any time, and the more this is done, the better it will look and the thicker it will grow. Insects never attack it, and it does not grow dull, but holds its beautiful green foliage throughout the season.

We have a fine lot of **good, strong, well-rooted, well-branched plants** to offer. They should not be compared to the tall spindly things often offered.

	Per 100	Per 1000
Prices: 18 to 24 inches . . .	\$3.25	\$28.00
2 to 3 feet . . .	3.75	30.00

We Are Sole Philadelphia Agents for

## Standard Cyphers Incubators

The Machine that will hatch the largest number of Strong, Healthy Chicks from a given number of fertile eggs with the least amount of expense and labor



Standard Cyphers Incubator  
Price-list on next page

The Cyphers Incubator, made by the Cyphers Incubator Company, is no longer an experiment. It is everywhere acknowledged to be, by long odds,

### The Best Incubator Made

You can purchase in Philadelphia only from the Johnson Seed Company.

### THE CYPHERS WARRANT

The best possible test of an incubator is the work it actually does in the hands of the average operator. Standard Cyphers Incubator is warranted as follows:

- FIRST—To require no supplied moisture under normal conditions, thus solving and disposing of the troublesome "moisture question."
- SECOND—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.
- THIRD—To be self-regulating to a fraction of a degree, being equipped with the most sensitive and durable regulator thus far invented.
- FOURTH—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.
- FIFTH—To be precisely as represented in construction, materials and workmanship, and with reasonable care, to last ten years without repairs.
- SIXTH—To be easy to set up and positively automatic in operation (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.
- SEVENTH—To bring out a larger average percentage of the fertile eggs, and to produce larger, stronger and healthier chicks and ducklings than any other style or make of incubator.
- EIGHTH—That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the purchase price will be refunded.

See Price-List on Page 88

# Points of Superiority of "CYPHERS INCUBATOR"

## Over All Other Makes

Half a dozen good reasons why you will eventually buy a "Cyphers"

**CONVENIENCE,  
SAFETY AND  
SURE HATCHES**

It overcomes practically every objection urged to artificial incubation as performed by machines of other types. More convenient to operate; consumes less oil; safer; hatches a larger percentage of eggs, and produces larger, healthier and more vigorous chicks than any other incubator ever built. *See our guarantee on preceding page.*

**SELF-REGULATION**

The improved regulator or thermostat used in the latest pattern Standard Cyphers is built on original lines, and is absolutely exact and reliable. *You will not have to sit up nights watching the "Cyphers."*

**NON-MOISTURE**

The Standard Cyphers is a hot-air incubator, and does not possess a tin, galvanized-iron or copper tank to rust out, spring a leak and water-soak the machine.

**SELF-VENTILATION**

Standard Cyphers Incubators are equipped with a "drop bottom" for supplying ventilation. This new and valuable feature enables the operator to meet all conditions of weather.

**CONVENIENCE IN  
HANDLING CHICKS**

The No. 2 and No. 3 latest pattern Standard Cyphers Incubators are furnished with nursery drawers, so constructed as to be of great convenience in removing the chicks and ducklings from our large-size incubators, as often as it may be deemed advisable, without interfering in any way with the remainder of the hatch.

**PRACTICALLY  
SELF-RUNNING**

Cyphers Incubators are the only machines that lawfully can be equipped with our patented removable diaphragms, which overcome the necessity of supplying additional moisture. Thus the machine itself solves the troublesome and difficult "moisture problem," and we place in your hands a practically automatic hatcher, leaving nothing to chance or inexperience.

### PRICE LIST OF CYPHERS STANDARD INCUBATORS

By special arrangement with the manufacturers, we are now in a position to sell Cyphers Incubators, F. O. B. Philadelphia, at exactly factory prices, as follows:

Prices {	No. 0, 66-egg size . . . . .	\$14.00	No. 2, 240-egg size . . . . .	\$30.00
	No. 1, 140-egg size . . . . .	21.00	No. 3, 390-egg size . . . . .	36.00

**Remember, we are the ONLY AGENTS in PHILADELPHIA**

**You can purchase only from THE JOHNSON SEED COMPANY**

Any time you are in Philadelphia, if interested call at 217 Market Street. Skilled men, with practical experience in running Incubators, will gladly show you these famous **Incubators and Brooders**, demonstrating and explaining how to manage them.

**CYPHERS NON-MOISTURE INCUBATORS** are now used on more large and successful poultry plants, by more poultry fanciers of national and international reputation, on more Government Experiment Stations, and by more public industrial institutions **than all other makes of incubators combined.**

If you are further interested in Incubators or other **Cyphers** machines, send 10 cents to pay cost of mailing 260-page main Incubator and Brooder catalogue, entitled "**How to Make Money with Poultry and Incubators.**" Thirty-two-page descriptive circular and price list sent free.

# Cyphers Unequaled Apartment Brooders

Fit Companion for the Cyphers Standard Incubators

Don't risk losses of well-hatched chicks in an inferior, wrongly constructed brooder, when you can obtain a certainty of safety in the CYPHERS BROODERS. Having hatched your chicks, DON'T COURT FAILURE by putting them in an unsatisfactory brooder

## CYPHERS STYLE A, THREE APARTMENT, OUTDOOR BROODER AND COLONY HOUSE



An outdoor home for little chicks that is as near weather-proof and neglect-proof as can be bought and sold at a popular price. Tens of thousands have been sold during the past ten years, and are giving the best of satisfaction.

**Cyphers Brooders** are correct in principle and durably made of the best materials. No other company puts into its brooders the same thickness and quality of lumber and the same weight and quality of hardware. Their *Simplicity, Certainty in Operation, Economy of Fuel, and Convenience in Use* have won for them the first place.

**Cyphers Style A Brooder. Price, \$15.00**

All the Cyphers Brooders are of the same high quality. They differ only in shape and price. For less money you simply get less floor space—not poorer quality, either in materials or workmanship.

Each of the four styles of Cyphers Brooders is equipped with the Latest-Improved Insulated Brooder Stove; best grade Sun-Hinge Burner; Cyphers time-tested Double-Dome Heating System; trade-marked Thermometer; Sun-Proof, Water-Tight Roof, and patented Eccentric Fasteners for locking corners.

All Cyphers Brooders can be shipped knock-down, thus insuring much lower freight rates to all points. In setting up these brooders *no tools are required, nor is there a nail to be driven or a screw to be put in place.* With every brooder we furnish an illustrated circular of directions for setting it up.

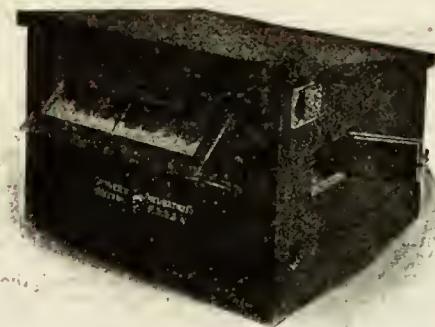
### MADE IN FOUR STYLES

Prices	STYLE A, Outdoor Colony Brooder, size 3 x 6 feet	\$15.00
	SELF-REGULATING, Outdoor Colony Brooder, size 3 x 6 feet	18.00
	STORM KING, Outdoor Colony Brooder, size 3 x 3 feet (see cut below)	10.00
	HYGIENIC, Indoor Brooder, size 3 feet 6 inches x 2 feet 8 inches	9.00

## CYPHERS STORM KING OUTDOOR BROODER AND COLONY ROOSTING COOP

A thoroughly well-made, practical brooder that can be sold at a lower price than our Standard Style A or Self-Regulating Brooders. Lower in price, simply because there is less of it—it has less floor space—not because it is cheaper in quality of materials, inferior in workmanship or wrong in principle of construction. The entire floor space of this brooder and all working parts may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony roosting coop.

**Price . . . . . \$10.00**



**Storm King Brooder. Price, \$10.00**

## CYPHERS INSULATED BROODER STOVE

(New and Improved Type)

As supplied with Cyphers Brooders. **Price . . . . . \$1.50**

CYPHERS BROODERS, like Cyphers Incubators, can be purchased in Philadelphia **only** from the JOHNSON SEED COMPANY.

A Postal Card request will bring our interesting and helpful catalogue of general Poultry Supplies. SEND FOR IT TO-DAY.

# INSECTICIDES

Spray Your Fruit Trees  
They Need It

## FOR SAN JOSE SCALE USE "TARGET BRAND" SCALE DESTROYER

This is composed of a non-penetrating oil combined with resin. It is thoroughly soluble in water, and will not separate, nor does it need to be agitated while spraying. It can even be mixed a day or two before being used, and allowed to be stored in the spray tank or other vessels without separation.

It is beyond a doubt the cheapest, easiest to prepare, and the most reliable spray for fruit orchards.

It coats the tree with a thin film, killing the scale by suffocation and not by penetration, as in the latter process the tree suffers. It can be used as a preventive as well as a cure.

Directions accompany each package.

Write for circular and testimonials.

Price, 1 qt., 35c.;  $\frac{1}{2}$  gal., 65c.; 1 gal., \$1.00; 5 gals., \$3.75; 10 gals., \$7.50.

**APIIS PUNK.** A preparation of nicotine for killing insect life on plants and flowers without injuring blooms or foliage. 60c. per box of 12 rolls.

**BORDEAUX MIXTURE.** In liquid form. Ready for use by adding water. One gallon of mixture makes 50 gallons. Price, 1-quart can, 35c.; 1-gallon can, 90c.

**COPPER SULPHATE.** For early spraying and making Bordeaux Mixture. 1 lb., 10c.; 25 lbs., \$2.25; 100 lbs., \$7.50.

**CARBOLIC SOAP.** Price, 1-lb. cake, 10c.; or by mail, 25c.

**FIR TREE OIL.** Frees plants of nearly all insects to which they are subject; also a valuable remedy for animal parasites. Price,  $\frac{1}{2}$  pint tin, 40c.; pint, 65c.; qt., \$1.25.

**HELLEBORE, POWDERED WHITE.** For the destruction of slugs, worms, caterpillars, etc. Price, 20c. per lb., or by mail, 35c.

**SLUG SHOT.** For bugs and blight. Especially good for potato bugs. 5-lb. pkg., 25c.; 100 lbs., \$4.00

**PARIS GREEN.** A poisonous, insoluble powder for preventing the ravages of potato bugs, worms, caterpillars, etc. Price, per lb., 35c.; 5-lb. can, \$1.60.

**WHALE OIL SOAP.** For washing trees and for insects on tender plants. 1-lb. box, 15c.; 5 lbs., 10c. per lb.

**TARGET BRAND WEED KILLER.** For killing weeds in walks, drives, etc., (in liquid form). One-gallon pail makes 20 gallons treating liquid. One-gallon pail, \$1.25.



© 1908



REG. U. S. PAT. OFF.

**LEMON OIL.** Will destroy mealy bug and red spider.  $\frac{1}{2}$  pt., 25c.; 1 pt., 40c.; qt., 75c.;  $\frac{1}{2}$  gal., \$1.25; 1 gal., \$2.00.

**PERSIAN INSECT POWDER.**  $\frac{1}{4}$  lb., 10c.; lb., 30c.

**SULPHUR FOR MILDEW.** 1 lb., 7c.; 5 lbs., 30c.; 25 lbs., \$1.25.

**ROSE LEAF EXTRACT OF TOBACCO.** Pt., 25c.; qt., 50c.; gal., \$1.25.

**SULPHO TOBACCO SOAP.** A universal insecticide. 10c. and 25c. per package.

**SHOO FLY.** Keeps the flies from horses and cattle. Per qt., 35c.; per gal., \$1.00.

**FLY DRIVER.** For use on horses and cattle. 1 qt., 60c.; 2 qts., \$1.00.

**TOBACCO DUST.** Pure ground tobacco (not ground stems). Per lb., 5c.; per 100 lbs., \$2.50.

**TOBACCO STEMS.** Per bale of about 200 lbs., \$1.50.



**STERLINGWORTH WEED KILLER.** A dry powder to be dissolved in water. May be applied with an ordinary watering can. Most satisfactory; completely destroys all weeds and objectionable vegetable growths. Prices: 1-lb. package, makes 15 gallons, 60c.; 3-lb. package, makes 45 gallons, \$1.25; 5-lb. package, makes 75 gallons, \$2.00.

# FERTILIZERS

Write for Special Prices in Quantity

**ASHES (Canada Unleached Hardwood).** Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Apply about 1000 lbs. to the acre. Per 100 lbs., \$1.50; bbl., \$2.50

**GROUND BONE.** Animal bones furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. The most substantial fertilizer for lawns and plants. Feeds the soil for fully ten months after application. 5-lb. bag, 25c.; 25 lbs., 75c.; 100 lbs., \$2.00; sack of 200 lbs., \$3.50.

**BONE FLOUR.** Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 30c.; 25 lbs., 90c.; 100 lbs., \$2.75; bag of 200 lbs., \$5.00.

**NO. 1.—BONE PHOSPHATE.** The leading ammoniated phosphate and the best for general purposes. In making new lawns or golf links this is the best fertilizer for immediate effect. 100 lbs., \$1.75; 200-lb. bag, \$2.75.

**GUT-EDGED POTATO MANURE.** Made expressly for white and sweet potatoes and tobacco. Keeps tubers clean and smooth. Per 200-lb. bag, \$3.50.

**KAINIT (German Potash Salt).** Most useful for making "Commercial" fertilizers, or can be used alone. If used on lawns it should be spread during winter. 100 lbs., \$1.25; 200 lbs., \$2.00.

**LAND PLASTER.** 200-lb. bag, \$1.50.

**LAWN DRESSING (Odorless).** A scientific food for lawns. Guaranteed. 10 lbs., 40c.; 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00.



**STERLINGWORTH PLANT FOOD TABLETS.** Contain nitrogen, ammonia, phosphoric acid and potash. A new, scientific, odorless, concentrated fertilizer for potted plants. If your house plants are not doing well they need these tablets. Trial size, 10c., postpaid; large size, 25c., postpaid.

**NITRATE OF SODA.** A fertilizer for all crops. Quick in action, and hastens maturity of crops fully two weeks. Should not be applied until the plants are above ground, when 100 to 150 lbs. per acre should be sown mixed with wood-ashes or land-plaster. 5 lbs., 30c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$4.00.

**SALT (Agricultural).** For top-dressing asparagus beds. 200 lbs., \$1.50.

**SHEEP MANURE (Pulverized).** A pure natural manure and a most nutritious food for young plants. As a lawn top-dressing it is unequalled. 5-lb. package, 25c.; 10 lbs., 40c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

**TOBACCO STEMS.** A fertilizer and insecticide combined. Bbl., \$1.00; bale of about 200 lbs., \$1.50.

## SPRAYING OUTFITS

Spraying trees and small fruits has become a necessity in order to get the best results. It saves them from the ravages of insect and other enemies. We carry a full line of sprayers and insecticides and will mail you a **SPECIAL SPRAYING OUTFIT CIRCULAR** free on request.

## Empire King Pump

### A Large and Powerful Pump

Has two Eureka nozzles on two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, \$13.00; including barrel, set up, \$16.00.

## Ripley's Whitewashing and Spraying Machine

With one of these machines one man can do in an hour as much whitewashing as five men can do with brushes. Has an agitator that keeps the solution thoroughly mixed at each stroke of the pump. Can be used for spraying trees, gardens, washing windows, carriages, etc.

### PRICES

No. 6. 8-gallon, galvanized iron machine, with 10 feet of first-class one-half inch hose, one nozzle and one 8-foot extension rod, \$12.00.

No. 7. 16-gallon, galvanized iron machine, with 10 feet of first-class one-half inch hose, one nozzle and one 8-foot extension rod, \$15.00. Extra hose, 8c. per foot; nozzle, 75c.

### LOWELL GLASS TANK SPRAYER, with AGITATOR



Can be replaced with fruit jar, if broken, 75c.

### LITTLE GEM SPRAY PUMP



Entirely of brass, including the working parts, discharge and connecting tubes, plunger rod and air chamber, so that all parts (except the rubber hose) that come in contact with the fluid are of brass, making it practical for using any of the spraying mixtures in common use. Will throw a spray of any degree of fineness, or a round stream, to a distance of fifty feet. It is furnished with a shut-off cock. Price, including nozzle and two feet of hose, \$3.50.

LITTLE GEM PUMP.

## Lee's Handy Tin Sprayer

Useful and handy, 50c.

## The Auto-Spray

The Auto-Spray is a perfect compressed-air sprayer, which works automatically from 6 to 15 minutes, according to the nozzle opening. It may be charged in 15 seconds by a few strokes of the plunger. It has a capacity of four gallons, and, when properly charged, contains three gallons of solution and one gallon of compressed air.

Eight to twelve strokes of the plunger will compress the air, and two pumpings will discharge the entire contents.

Three gallons of solution or one charge will easily cover one-half acre of potatoes or similar crop.

It is made in four styles, but we recommend the brass tank as costing but little more than the galvanized and is practically indestructible.

With every Auto-Sprayer is supplied, free of charge, the most complete and up-to-date spray calendar ever issued.

### PRICE:

No. 1—A. Brass, with Stop-Cock . . . . .	\$6.00
“ 1—B. “ “ Auto-pop . . . . .	7.00
“ 1—C. Galvanized, with Pop-Cock . . . . .	4.50
“ 1—D. “ “ Auto-pop . . . . .	5.50

### “CYCLONE” ATOMIZER SPRAYER



Made in tin and brass. Throws a spray as fine as mist. Is adapted for the destroying of every kind of insect. Very useful in spraying kerosene and lice killers in poultry houses; also in spraying potatoes with Paris green water, and in gardens and vineyards.

Price, tin, 50c.; brass, 75c.

### SPRAY YOUR TREES!!

For San Jose Scale use “Target Brand Scale Destroyer.” A Sure Thing. See opposite page.



HORSE RADISH GRATER.



LAWN MOWERS.



CYLINDER CHURN.



AEME ASPARAGUS BUNCHER.



PRUNING KNIFE—STAG HANDLE.



NAPANOCH TOOL KIT.



GARDEN REEL.



STEEL TROWEL.



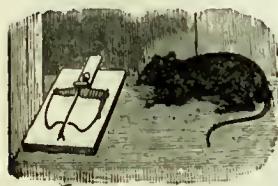
TRANSPLANTING TROWEL.



DIBBLE, IRON HANDLE.



PERFECTION SHEARS.



"OUT O' SIGHT" RAT TRAP.

## Garden Tools and Requisites

**Asparagus Buncher**, "Aeme," with knife, \$1.60.

**Asparagus Knife**. Chisel-shaped, 25c.

**Bee Hives, Root's, Bee Supplies**. Send for special list.

**Bone Cutters**. For green and dry bone. Send for special list.

**Churns**. In assortment see page 94.

**Cider Mills**, "Buckeye." Junior, \$12; medium, \$16; Senior, \$20.

**Corn Planters**. Automatic, hand, \$1.50.

**Corn Shellers**, "Red Chief." For box, \$2. "Favorite, Jr." Strong and well made, \$6.

**Corn Shellers**, "Lightning." Two hole, \$14.

**Dibbles**. For transplanting. Steel-pointed, wooden or iron handles, 40c., 50c., 60c.

**Drills Planet. Jr.** See third cover page.

**Drill, Eureka Seed**. For hot-bed use and small gardens, \$1.

**Egg Cases**. See poultry supply catalogue. Free.

**Feed Cookers**. See poultry supply catalogue. Mailed free.

**Floral Tools**. 50c. to \$1 per set.

**Flower Pots**. Write for special prices in large quantities. 2 inches, per dozen, 7c., per 100, 50c.; 3 inches, per dozen, 11c., per 100, 88c.; 4 inches, per dozen, 18c.; per 100, \$1.38; 5 inches, 32c.; per 100, \$2.50; 6 inches, per dozen, 49c.; per 100, \$3.75; 7 inches, per dozen, 78c.; per 100, \$6.00.

**Flower Pot Saucers and Bulb Pans**. All sizes. Write for quotations.

**Neoprene Water-Proof Paper Flower Pots**. Invaluable to the florist. (Send for special circular.) Prices: 2½-inch, per 1000, \$2.40; 3-inch, per 1000, \$3.90; 3½-inch, per 1000, \$5.15; 4-inch, per 1000, \$6.90.

**Forks, Garden**. In large assortment.

**Garden Lines**. 60 ft., 30c.; 90 ft., 60c.; 120 ft., 75c.

**Garden Reels**. Iron, small, 50c.; galvanized, single, \$1.25; galvanized, double, \$1.75.

**Glazing Points, "Peerless."** Per 1000, 60c.; 5000 lots, 55c. per 1000.

**Harrows**. See page 96 and third cover.

**Hoes**. In large variety.

**Horse Hoes—Planet Jr., Iron Age**. See page 96 and third cover.

**Horseradish Graters**. No. 1, \$6; No. 2 (steel pin), \$7; No. 3 (steel pin with legs and treadle), \$11.

**Hose**. Rubber, garden, 8, 10 and 12c. per ft. **Hotbed Mats**. Burlap, 40 x 76 in., 85c.; 76 x 76 in., \$1.10. (Special price by the dozen.)

**Hotbed Sash**. Without glass, 3 x 6 ft., \$1.25 each; with glass, \$3 each.

**Knives**. Budding, 20 ets. to \$1; corn, 50 ets., potato, eoneaved and curved, 30 ets.; pruning, 75 ets. to \$1; edging, American, 50 ets.; English, \$1.25.

**Labels**. For pots, painted, 3½ in., 70c. per 1000; 4-in., 80c. per 1000; 4½ in., 85c. per 1000; 5-in., \$1 per 1000; 6-in., \$1.50 per 1000; 10-in., \$4.50 per 1000.

**Labels**. For trees, notched, 50 ets. per 1000 iron-wired, \$1 per 1000; copper-wired, \$1.25 per 1000.

**Lawn Mowers**. See page 95.

**Lawn-Sprinklers**. In variety, 75c. to \$3.50. **Masticia**. For glazing greenhouses. Per ½ gal. 65c.; per gal. \$1.25.

**Masticia Machines**. For applying masticia, \$1.25 each.

**Plant Bed Cloth, Light**. 5c. per yard; piece of 68 yards, 4½c. per yard; medium, 8c. per yard; piece of 60 yards, 7½c. per yard; **Heavy**, 11½c. per yard; piece of 40 yards, 11c. per yard. Samples on application.

**Poultry Supplies**. Full and complete stock. See pages 87, 88, 89, this catalogue, and send for our special catalogue.

**Presses**. Wine and berry. No. 1, \$3; No. 2, \$3.75; No. 3, \$6.

**Pruner**. Water's Improved Tree, 4 ft., 75c.; 6 ft., 85c.; 8 ft., \$1; 10 ft., \$1.15; 12 ft., \$1.25.

**Pumps**. See page 91.

**Rakes**. All styles, sizes and prices, 30c. to \$1.

**Raphia**. For tying asparagus, etc. Per lb., 15c.; 10 lbs., \$1.25; 100 lbs., \$11. Special price by the bale.

**Roofing Materials**. See poultry supply catalogue.

**Saws**. Pruning, 16-in., 75 ets.; 18-in., 90 ets., 20-in., \$1.10.

**Scissors**. Grapé thinning, English, \$1; Fruit and Flower Gatherers, hold after cutting, American, 25 ets.; Imported, \$1.

**Scythes**. Ameriean, \$1; American, brush, 90 ets.; English, lawn, riveted baek, \$1.25.

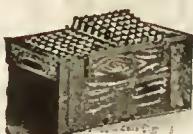
**Seed Sowers**.

**Cahoon**. Broadcast, easily regulated, \$3.25. **Cyclone**. Sows all kinds of grain and grass seed perfectly, \$1.50.

**Little Giant**. \$1.50.



FLOWER POTS.

EGG CASES  
"HUMPTY DUMPTY."

BEE HIVES.

DIBBLE,  
WOOD HANDLE

EUREKA SEED DRILL.

**Shears.** Hedge, \$1.50; Grass Border, \$2; with wheel, \$2.50; Pruning, "Perfect," No. 7, \$1.75; No. 8, \$2; Lopping, long-handled, 75c.; Tree Pruning, 6 ft., 85c.; 8 ft., \$1; 10 ft., \$1.15; Sheep, for grass, 50c. and 75c.

**Shovels.** In variety. 85 cts. to \$1.50.

**Sickles, or Grass Hooks.** American, 25 cts.; English, riveted back, 50c.

**Sieves.** 18-in., any mesh, 60 cts.; 20-in., any mesh, 75 cts.

**Spades.** In variety. 85 cts. to \$1.50.

**Sprayers.** See page 91.

**Thermometers.** Tin, japanned, 15 cts.; glass floating for dairy, 15c. and 25c.; hotbed or mushroom, \$1.50; incubator 50c.; self-register, 2.50. See also page 94.

**Tool Kit Napanoch.** A good friend and handy article to have in case of accident. Price, \$2.

**Trowels.** Stamped steel, 10c., 15c. and 20c.; Solid steel, 35c., 40c. and 50c.

**Trowel.** Transplanting, 35c.

**Traps,** "Olmsted" (Mole.) The best, \$1.50.

"Out-o'-Sight" (Rat), 15c. each; \$1.25 per dozen. "Out-o'-Sight" (Mouse). 10c. each; 25c. for 3; 85c. per dozen.

**Twines.** Cotton, 25c. lb.; jute, 18c. lb.; flax, 30c. lb.

**Watering Pots, Galvanized, short spout,** 4-qt., 40c.; 6-qt., 50c.; 8-qt., 65c.; 10-qt., 85c.; 12-qt., \$1; 16-qt., \$1.50. **Tin, painted green,** 1-qt., 20c.; 2-qt., 25c.; 4-qt., 35c.; 6-qt., 45c.; 8-qt., 60c.; 10-qt., 75c.

**Watering Pots, Heavy Galvanized Long Spout.** 4-qt., \$1.50.; 6-qt., \$1.75.; 8-qt., \$2.; 10-qt., \$2.25.; 12-qt., \$2.60.

**Water Barrel and Truck.** 1½-in. wheels, \$9.25; 2½-in. wheels, \$10; 3½-in. wheels, \$10.75; Large Box to fit on truck, \$3.

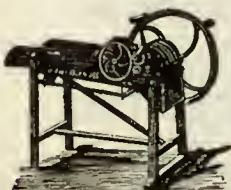
**Weeders,** "Excelsior," 10c. **Three-prong,** 15c. "Laing's," 25c. "Cleveland," lawn, 50c.

**Wheelbarrows.** Wide tread, No. 3, \$3.50; No. 4, \$4; No. 5, \$4.50.

We carry many TOOLS AND REQUISITES not listed here. When in Philadelphia, CALL at 217 Market St. AND INSPECT OUR STOCK.

**MARKET  
GARDENERS'  
NECESSITIES**

Our stock of these is up-to-date and complete. Write us about your needs, or send for special catalogue.

TELEGRAPH HAY CUTTER.  
(See page 94)

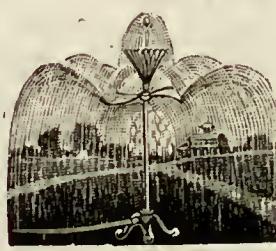
WINE AND BERRY PRESS.



BUCKEYE CIDER MILL.



RELIABLE FEED COOKER.



LAWN SPRINKLER.



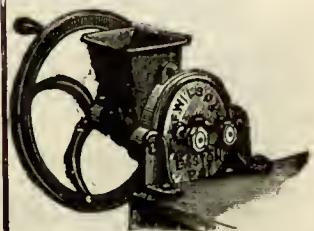
WATER BARREL AND TRUCK.



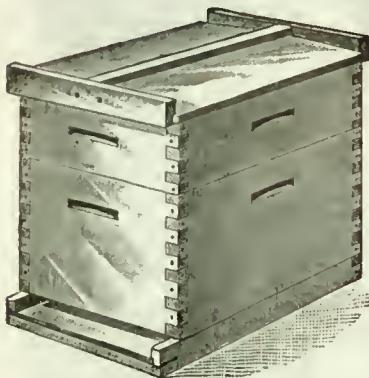
GREEN BONE CUTTERS.



EXCELSIOR WEEDER.



DRY BONE AND SHELL MILL.

**Bee Keepers' Supplies****BEE HIVES**

The Dovetailed Hive is taking the lead of the single-walled hives, as it contains many of the most desirable features of the various hives for rapid handling of bees, and is one of the cheapest hives manufactured.

It is dovetailed together, as shown in cut, and that is what gives it its name.

	Each	Per 5	Per 10
set up	in flat	in flat	

<b>No. 1, Dovetailed Hives,</b> eight frame, all parts complete . . . . .	\$2.85	\$9.75	\$18.00
<b>No. 2, Dovetailed Hives,</b> ten frame, all parts complete . . . . .	3.00	10.50	19.50
<b>No. 5, Dovetailed Hives,</b> eight frame, all parts complete . . . . .	3.00	10.50	19.50
<b>Observatory Hives,</b> set up, \$1.50.			
Each, complete, 95c. nailed; 70c. in flat.			

**DOVETAILED SUPER****With plain section and fence**

Each, complete, 95c. nailed; 70c. in flat.

**SECTION BOXES**

**No. 1.** Made up of the choicest white basswood, perfect in finish and free from defects.

Price, per 25, 30c.; per 100, 75c.; per 1000, \$5.00.

Write for special price on large quantities.

**No. 2.** Made of basswood, but not finished as perfectly as the No. 1.

Price, per 100, 65c.; per 1000, \$4.50.

**Hoffman Frames,** thick top, self-spacing, put up, \$4.00 per 100; in flat, \$2.75 per 100.

We carry all **Working Parts for Hives.**

Write for prices.

**COMB FOUNDATION**

Made from pure bright yellow beeswax. Price, Medium Brood, 58c. per lb.; Light Super, 65c. per lb.; Thin Super, 70c. per lb.

If by mail, add 16c. per lb. for postage.

We carry a full stock of A. I. Root's goods. Write us about your needs.

**DAIRY SUPPLIES****CHURNS**

**The Cylinder.** Of white cedar, handy and useful; very satisfactory.

No. 1, 2 gals., \$1.75; No. 2, 4 gals., \$2.00; No. 3, 7 gals., \$2.50.

**The Lightning.** No. 0, 2 gals., \$2.00; No. 1, 3 gals., \$2.25; No. 2, 4 gals., \$2.50.



CYLINDER CHURN.

**SHIPPING BUTTER BOXES**

Capacity, 20 lbs.	\$2.75	Capacity, 80 lbs.	\$4.40
" 30 "	3.25	" 96 "	4.60
" 40 "	3.80	" 120 "	4.80
" 56 "	4.00		

**PARCHMENT BUTTER PAPER**

	Per 1000 sheets
8 x 8 inches, for $\frac{1}{2}$ lb. square prints	\$0.60
9 x 9 " " $\frac{1}{2}$ " round	70
8 x 11 " " 1 " square	75
10 x 10 " " 1 " round and cottage cheese	85
9 x 12 inches, for 1 lb. round or square	85
12 x 12 " " cottage cheese	1.15
12 x 18 " " 2-lb. square prints	1.65

**THERMOMETERS**

Floating Glass Dairy, each, 15c. and	\$0.25
Hot Bed or Mushroom Bed, with brass end	1.50
Wooden Baek, red fluid	35
Tin Case, 7 inch, 15c.; per dozen	1.50
" " 8 " 18c.; "	1.75
" " 10 " 20c.; "	2.00

**TELEGRAPH HAY CUTTERS**

A good all-round Hay Cutter, well made, with knives of good steel; with care will last for years. Price, No. 5, \$12.00; No. 4, \$15.00.

**LEVER HAY CUTTERS**

For use on a small scale. Gauges regulate the length of cut. Price, \$3.00.

**BANNER ROOT CUTTERS**

**No. 7.** Small machine for cutting fine; very useful. \$5.00.

**No. 20.** Hand Machine. \$8.50.

**No. 15.** Hand and Power. Has Band Wheel for light power. \$9.50.

**No. 28.** Improved machine for hand and power. Fine for large users. Send for circular. Without pulley, \$15.00; with pulley, \$16.00.



BANNER ROOT CUTTER, No. 20.  
Capacity 30 to 50 bush. per hour.  
Price, \$8.50.





# PLANET JR. FARM AND GARDEN TOOLS

**Planet Jr. Tools** enable you to do two days' work in one, easier, cheaper, better, with less fatigue. They pay for themselves in a season. Write to-day for a free copy of the 1908 Planet Jr. Catalogue, a finely illustrated, instructive handbook. Describes entire Planet Jr. line, including seeders; wheel hoes; hand, one and two-horse cultivators; harrows, etc.

## No. 3

### Hill and Drill Seeder

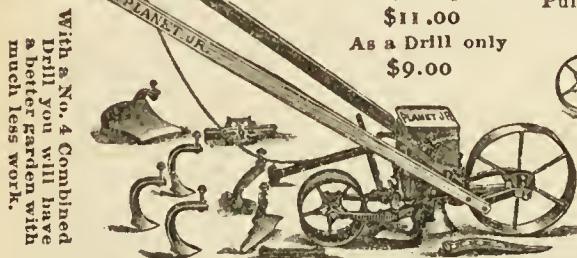
Price, \$10.50



Planting in rows and thinning afterwards is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 5, 6, 8, 12 or 24 inches apart, or in a continuous row as desired. Changed in a moment. Holds 3 quarts. The most accurate drill made, and guaranteed satisfactory.

### No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Price, complete, \$11.00  
As a Drill only \$9.00



The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

## No. 11 Double Wheel Hoe

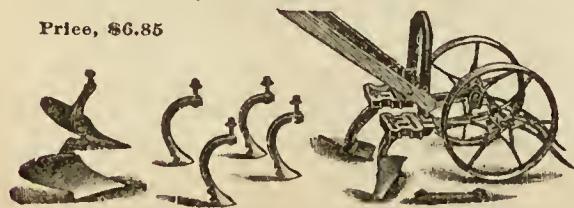
Price, \$9.00



This Wheel Hoe is a famous labor-saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut. Nothing like it for onion growers.

## PLANET JR. No. 12 Double Wheel Hoe

Price, \$6.85



This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments, and is sold at a correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted.

## No. 8

### Horse Hoe

Price, \$9.00



**No. 8 Horse Hoe** is a remarkably efficient Cultivator and Hoe, meeting perfectly the many needs for which it is intended. Extra high, stiff steel frame, with interchangeable non-clogging self-polishing standards. Closes to 9 and opens to 25 inches. Patent depth regulators; adjustable handles; reversible hoes, and many other exclusive features.

### Twelve-Tooth Harrow, Cultivator and Pulverizer

Price, \$9.00  
Less Pulverizer, \$7.25  
Less Wheel and Pulverizer, \$6.00

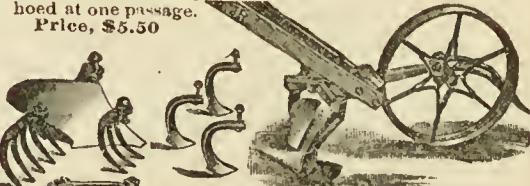


With the Twelve-Tooth Harrow you go deep or shallow, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it. It's a special favorite with strawberry growers, market gardeners and truckers.

## No. 16 SINGLE WHEEL HOE

A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheels can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

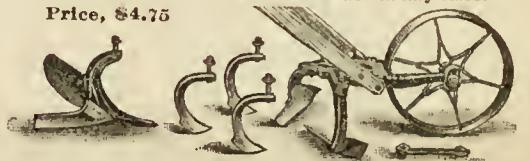
Price, \$5.50



## No. 17 SINGLE WHEEL HOE

This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time.

Price, \$4.75

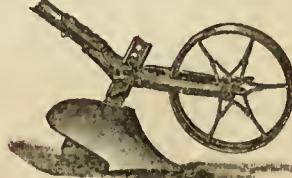


## Fire-Fly Garden Plow

Price, \$2.25.

Invaluable for use in small gardens. Moldboard of tempered and polished steel. The depth is easily and quickly changed.

Very useful to plow up chicken yards.



# JOHNSON SEED COMPANY

HERBERT W. JOHNSON,  
OF THE LATE FIRM OF  
JOHNSON & STOKES,  
PRESIDENT.

PHILADELPHIA, PA.



## JOHNSON'S DARK RED BEAUTY

THE MOST UNIFORM  
AND BEST OF ALL  
RED ONIONS  
SEE TESTIMONIALS  
PAGE 15.

PKT. 20¢. OZ. 50¢. 1/4 LB. \$1.50.



JOHNSON'S  
EVER  
READY

A SUPERB AND SURE HEADING.

DISTINCT  
NEW  
CABBAGE

SEE TESTIMONIALS PAGE 7.

BREWER & KESSLER CO PHIL.

PKT. 20¢. OZ. 60¢. 1/4 LB. \$1.75